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... THE ...

INDUSTRIAL ADVANTAGES

OF

Toledo, Ohio,

TOGETHER WITH AN ACCOUNT OF ITS

Material Development and Progress

AND A

SERIES OF DESCRIPTIVE SKETCHES

OF

REPRESENTATIVE BUSINESS ENTERPRISES.

TOLEDO, O.:

JAMES P. McKINNEY, PUBLISHER.

1892.

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THE
INDUSTRIAL ADVANTAGES
—OF—
TOLEDO, OHIO.

BY JAMES P. MCKINNEY.

Inception and Development.

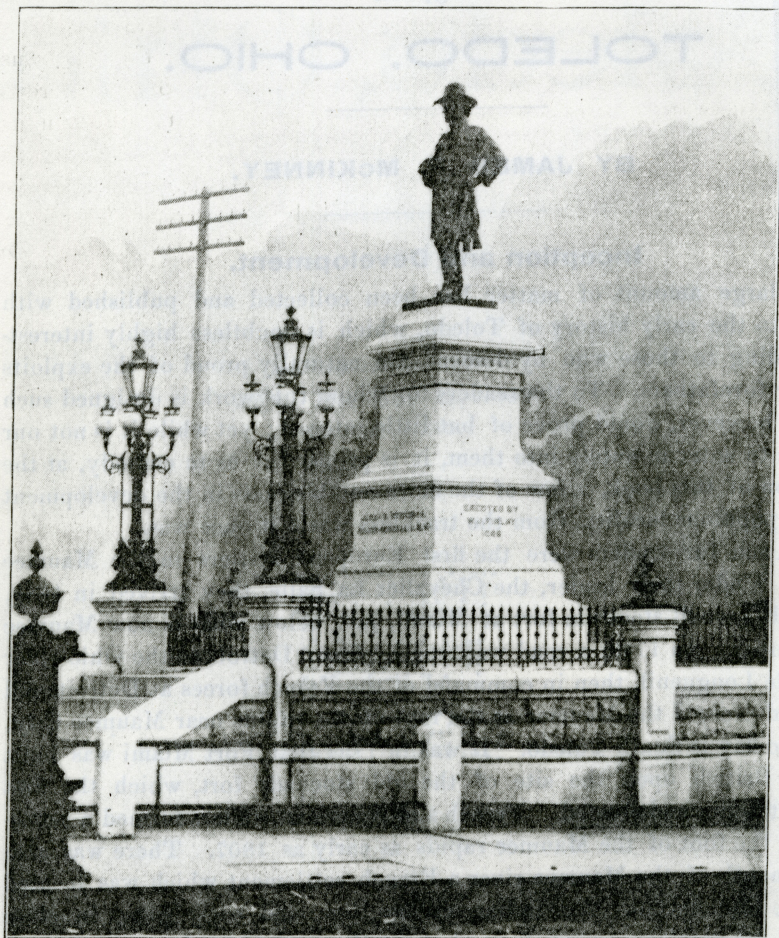
A large amount of matter has been collected and published with regard to the early history of Toledo, which is doubtless highly interesting reading to those who by descent are naturally proud of the exploits of their forefathers. To the readers for whom this work is designed such details, however, would prove of but little interest; yet while it is not our purpose to enter minutely into them, it is proper for us to embody, at the inception of this book, a few of the more notable facts in the development of this populous locality, from the trackless waste it once was.

French fur traders were the first European settlers in the Maumee valley. Under their leader, the Chevalier La Salle, they arrived in 1680, and built a small stockade fort at Miami, just below what is now Maumee City proper. In 1739, a road was opened from Detroit to the Ohio river by M. de Longuenil, then in command of the French forces at Detroit, and this road crossed the Maumee at the foot of the rapids near Maumee City, which to-day is South Toledo. It was in 1794 that Fort Miami was built by the British upon the site of the old stockade fort, which the first French traders had erected. French and American traders formed a settlement at the foot of the Maumee rapids as early as 1807. There was also at the mouth of the Maumee river a French settlement which was located opposite Manhattan. An Indian village, too, had early place in close vicinity. Lucas county was formed about the year 1834, from portions of Wood and Sandusky counties in Ohio, and of what had been Monroe county, Michigan (over which territory, however, Wood county had exercised jurisdiction). As far back as 1817, a company of Cincinnati capitalists purchased 400 acres of land in the reserve of 12 miles square at the foot of Miami and Lake Erie. (This square has been reserved by General Anthony Wayne in his famous treaty with the Indians in 1795.) The

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center of this reservation is now in South Toledo, near the corner of John and Dudley streets. The village of Port Lawrence, which afterwards was united with Vistula and named Toledo, "mother of people," was laid out by the Cincinnati company. The first warehouse in Port Lawrence was built by Joseph Lawrence, near what is now the corner of Monroe and Summit streets, in Toledo. Here the birth of Frederick Prentice, the first



THE STEEDMAN MONUMENT.

white child born in Port Lawrence, is recorded, December 6, 1822. Major Stickney lived on his farm near the corner of Summit and Stickney avenues, and he gave the name of Vistula to what was regarded then as the lower town. At this time, 1830, it is believed there were not more than 20 white families within the present limits of Toledo, while the surrounding territory was an almost trackless wilderness. In June, 1832, with prophetic business insight, Mr. Jessup W. Scott, confident of the

future growth of the town, purchased 70 acres of what is to-day the center of the city of Toledo. During this year Major Stickney, with Samuel Allen and Ottis Hathaway, of Lockport, N. Y., and Lewis Godard, of Detroit, formerly of Lockport, laid out the town of Vistula, and began to build wharves, warehouses, etc. At the same time improvements were being made at Port Lawrence by Messrs. Williams and Oliver. Mr. Godard sent a stock of goods to Port Lawrence in care of Mr. S. I. Collins, and the goods were deposited in the old deserted block-house built for the original Cincinnati company by William Wilson in 1816. So great and joyous an occasion was the arrival of the gentlemen and the opening of the goods, that a grand ball in celebration of the event was given in the warehouse then standing at what is now the corner of Monroe and Summit streets. In 1833 these two towns, Vistula and Port Lawrence, were united under the name of Toledo, selected by Mr. W. J. Daniels. During that summer the following new residents arrived: S. B. Comstock, Samuel Allen and family, Ottis Hathaway, M. H. Daniels, Daniel Washburne, C. G. Shaw, Oliver Stevens, James Maddox, P. Wales, Richard Greenwood and Dr. Fassett. In the same year, W. J. and M. H. Daniels, from Vermont, opened a store at the corner of Summit and Lagrange streets. In 1834, S. B. Comstock and W. J. Daniels built the first school house. The first teacher was Mrs. M. H. Daniels. In 1835, the first session of the court was held in Toledo, to establish the jurisdiction of the State of Ohio over disputed territory. The court was held in the school house situated between Washington and Monroe and Erie and Michigan streets.

In the spring of 1832, communication with Sandusky by water was established. The steamboat Pioneer was engaged to run between these points, bringing passengers and emigrants for the Maumee Valley and Michigan directly to Vistula. The Eagle made regular trips from Perrysburg to Buffalo, and the steamer General Gratiot ran weekly between Detroit and Maumee. A daily line of coaches was established between Detroit and Fremont by the mail contractor, Mr. John P. Converse, and this was considered an important improvement. Stephen P. Comstock was the first postmaster for Port Lawrence postoffice, which was established in this year. In the ever memorable winter of 1832-33, Dr. Daniel O. Comstock projected the first railway operated west of Buffalo, namely: The Erie & Kalamazoo railway. Addison J. Comstock succeeded in obtaining its charter from the State of Michigan, thus early giving Toledo commercial superiority. In 1843, the Wabash division of the Wabash and Erie, and Miami and Erie Canals was finished, and in 1845 the Miami branch was completed. Controversy ran high as to lake terminus. Compromise was finally effected by granting a terminus or side-cut to Maumee, Toledo and Manhattan, each of the contestants. Samuel and Archie Mahon began running two small packets between Toledo and Fort Wayne in 1843. The first packet office in Toledo was opened in 1844 by G. D. Davis, who resigned in 1845. William J. Finlay succeeded him, and kept



the office until the Toledo & Wabash railway was opened in 1854. Passengers crowded the boats, and the corner of Summit and Perry streets, where the packets started from their docks, was a busy scene.

In 1840 the population had reached 1,224, and in the ten years that followed it increased more than three fold. New plats were added to the city and the valuation of real property was \$225,331. In 1855 the real and personal property of Toledo had increased to \$895,402. From this time on the future of Toledo was easily told as a great commercial city. In 1860 the city had 13,500 inhabitants. Many additions had been made to the city. Railroad undertakings swiftly followed one after the other. Water connections were established. The pre-eminence of Toledo was conceded. The history of the city from that time is a history of railroad enterprise, steady local growth, and improvements, ever widening communication with every important point in the country, increasing wealth, health, and multiplying industries.

In 1870 Toledo was the third city in size in Ohio, which position has ever since been maintained, and contained a population of 31,580. Up to this its rapid growth was gained, and its enterprise developed mainly by the commercial advantages afforded by its fortunate location. From 1870 to 1880, a period the greater part of which the blight to industry and enterprise was almost universal, and while thousands of our countrymen were forced from affluence to poverty, no city of equal size suffered less, and none show a less ratio of failures. During this decade her number of railroads were more than doubled, new and competing lines were built into the coal fields, securing cheap coal for fuel, the only requisite lacking for successful manufacturing. The Hall Block, the Hotel Madison, the Produce Exchange, and scores of the most substantial business edifices and private residences were erected, and some of the largest manufactories in the country were established and kept in successful operation during this period.

In 1880 the population of Toledo was 50,143.

From 1880 to the present time Toledo has been advancing with giant strides. In 1890 the census gave the city 81,434 inhabitants, and careful and conservative judges now estimate the number to be not less than 92,000, and probably fully 100,000.

Toledo In 1892.

It has been somewhat irreverently said that "God made the country and man made the town." Were this true of other cities, the saying has but a partial application to Toledo, whose grand "umbrageous temples, not made with hands" are the glory of the streets and avenues and the pride of the inhabitants. As a place of residence Toledo is unsurpassed, if indeed equalled by any other Western city. Its velvety lawns, fine river and country drives, its shaded streets, its agreeable climate, the prevalence of thrift and comfort apparent even in the dwellings of the working people

and the numerous spacious and costly mansions of the rich, together with unsurpassed religious privileges and educational facilities and social opportunities combine to make this city one of the few spots on earth akin to Paradise.

“Beautiful for Situation.”

Toledo is the focus of twenty-three railway lines; is eight miles from the western extremity of Lake Erie, ninety-two miles west of Cleveland, and fifty-eight miles southeast of Detroit. The city is situated on an elevated table-land, from twenty-five to fifty feet above the waters of the Maumee river, and its broad streets give an easy ascent from its fine harbor, which is one of the best on the chain of lakes, to the most populous part of the town. By means of the Miami and Erie and Wabash and Erie canals, Toledo communicates with Cincinnati and Evansville, Ind., each



PRESQUE ISLE PARK.

canal connecting with the Ohio river. Vessels going east from Toledo can either go through Lake Erie and the Welland Canal to Lake Ontario, thence by the river St. Lawrence through the La Cherie Canal to Montreal and the seaboard, or else to Buffalo by Lake Erie, where cargoes may be transhipped and sent via Erie Canal to New York. Toledo has a regular line of propellers to Buffalo, Ogdensburg and Chicago, also daily communication by water with Erie, Cleveland, Sandusky, Saginaw, Detroit, Port Huron, Milwaukee and Duluth.

Relative Advantages.

Toledo is quite as well situated for the entire freight trade of the west, and in some respects its position is far superior for that purpose. Although Chicago is, in point of fact, at the head of lake navigation, Toledo is yet at the head of the available lake navigation, commanding the facilities of Lake Erie and Lake Ontario from east to west, and of Lake Huron and Lake Superior from north to South, while vessels from Chicago are obliged to lose time in making a long detour via Lake Michigan and Lake Huron. By means of its water routes, Toledo is the natural point of

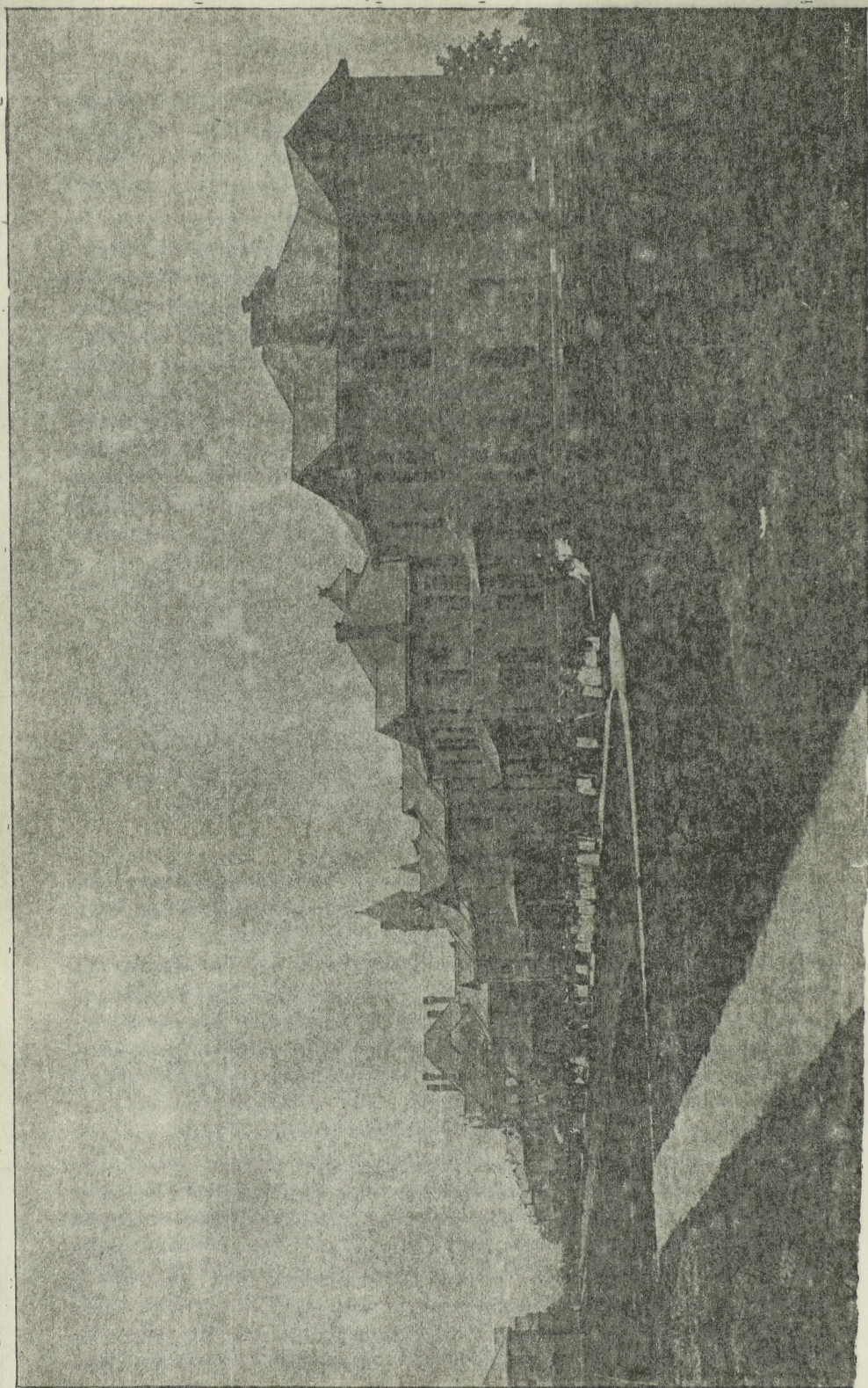
distribution for the great Saginaw and Lake City lumber centers and their vast districts. What was Toledo's loss in the beginning has come to be one of her great advantages now. As the great granaries of the country moved westward, Toledo was surrounded by dense forest land, requiring time and labor to bring it to a state of cultivation, while the more rapidly growing city of Chicago found its site amid the vast rich prairies ready, "when tickled by the hoe," to "laugh" with mighty "harvests." But though the mightiest harvests still advance westward, they must be transported east, and Toledo, with the many hands and arms of the fabled giant, passes them on to the markets of the world. Toledo has rapidly come to the front as the great wheat depot of America. Her railway lines have continued to multiply, and from still further, Minnesota, Kansas and Dakota, the western granaries furnish manifold increased supply, while coal fields and lumber districts, as well as the rich, developed, surrounding forest lands, now changing to fertile and durable agricultural soil, all add their quotas to this great distributing center, which has connection by means of the five great trunk lines with the seaport.

Railway Facilities.

From Toledo some twenty-three railway lines afford almost unrivaled facilities for trade and travel. Fifteen railways compete with the seaboard—four at New York, four at Boston, two at Philadelphia, two at Baltimore, two at Portland and one at Montreal. Toledo has five available routes to Chicago, four to St. Louis, three to Cincinnati, three to Columbus, two to Cleveland, four to Detroit and three to Buffalo.

Its Avenues of Trade.

Toledo has twelve grain elevators, with a storage capacity of 7,000,000 bushels, and a capacity to receive and ship 1,240,000 bushels daily. The yearly supply of grain is some 45,000,000 bushels. In coal, the yearly receipts aggregate over 2,000,000 tons. The receipts of lumber from all sources foot up 300,000,000 feet. According to the latest statistics, there are some seven hundred manufacturing establishments in Toledo, employing, in the aggregate, over twelve thousand workmen. The amount of capital invested is upwards of \$12,000,000, and the yearly production is over \$25,000,000. The large quantity and low freight of hard and soft coal, iron, ore, lumber and grain delivered at Toledo, together with cheap houses, happy relations existing between labor and capital, and the rapid, cheap and easy communication with every part of the east and west, furnish conditions under which manufacturers find Toledo a most advantageous location. The manufactories of Toledo include lumber mills, iron foundries, blasting furnaces, flouring mills, breweries, brick yards, planing mills, shipyards, tanning and currying establishments, car manufactories, car-wheel manufactories, carriages and wagons, chairs, edge tools, files, lime,



mowers and reapers, potash, refrigerators, coffee and spice mills, stoves, tobacco, boots and shoes, wire goods and wooden ware.

Health of the City.

Toledo is known as one of the most healthy cities in the United States. The location of the town, upon an elevated sandy plateau, from twenty-five to fifty feet above the harbor, is one most favorable from a sanitary point of view. Another advantage is possessed in the fact that the close crowding of ill-ventilated tenement houses is avoided by the cheap and roomy homes so easily obtainable. The annual death rate per thousand has for some time been shown to be only 13.23.

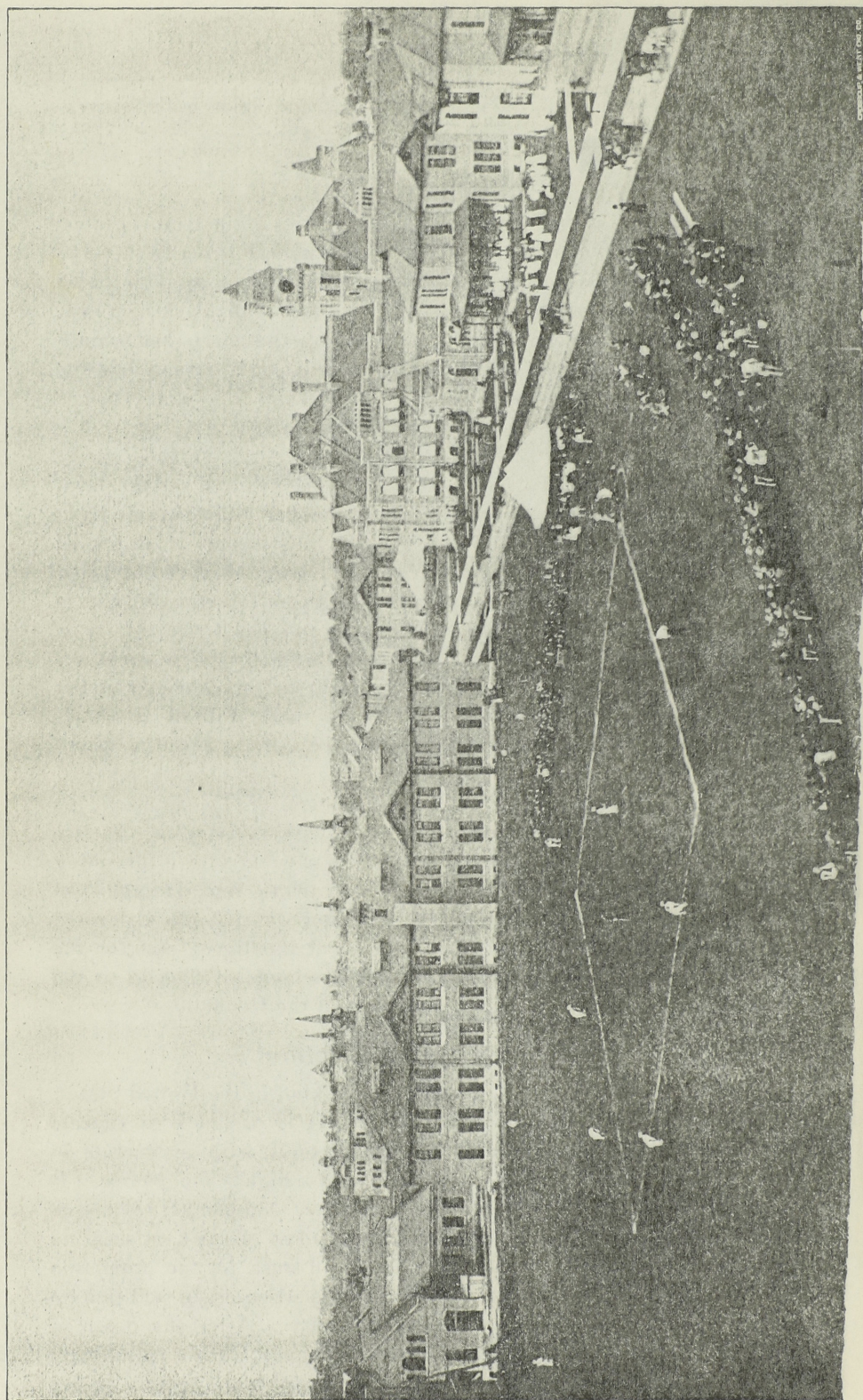
Educational Institutions.

The public schools of Toledo number in all one hundred and nineteen, with one hundred and eighty teachers. This number includes one High School, six grammar schools, nineteen English intermediate, thirty-three secondaries, fifty-three English primaries and seven ungraded schools. The Central High School building, with ample grounds surrounding it, is situated between Adams and Madison, Michigan and Tenth streets. It is in the neighborhood of the Soldiers' Memorial Building, and is architecturally an ornament to the city. Within its walls are accommodated the Toledo High School, the Webster, Worcester and Willard Grammar Schools, and the Toledo Manual Training School. Here, also, the Board of Education has its office.

No mere outline mention of the public schools of Toledo would be complete without a tribute, however brief, to the memory of the late General Charles W. Hill, who, for a quarter of a century, was presiding officer of the Board of Education, and whose patriotic and distinguished service to his country in the War of the Rebellion was not more devoted and self-sacrificing than his unwearied labors and intelligent zeal for the Commonwealth in molding the system of public schools of Toledo to the best interests of the future sons and daughters of the Republic.

The Manual Training School.

A Manual Training School, the third of its kind in the United States, supplements this excellent system of schools. It is designed to educate the public school pupils in the practical use of tools, with instruction in drawing, mathematics and all the departments of a high school course. It was founded by the late Joseph W. Scott, who, on October 21, 1872, conveyed to the University one hundred and sixty acres of land, adjacent to the city line and estimated in value at \$80,000, in trust, for the promotion of education in the arts and trades and related sciences, in addition to what is furnished by the public schools of the city. After the death of this munificent donor, his widow and three sons made further endowment by the joint conveyance to the University trustees of real property in the



city, estimated at \$50,000 in value. The entire University property has since been presented to the city, and acceptance by the Common Council was duly embodied in an ordinance, the city assuming the trust.

Churches.

Toledo has fifty-five churches, divided into the various denominations, as follows, viz: Baptist, Christian, Congregational, Jewish, Lutheran, Methodist Episcopal, Presbyterîan, Protesant Episcopal, Roman Catholic, German Evangelical Reformed.

Public Enterprises.

An important and influential institution of Toledo is the Tri-State Fair Association. It is a stock company, with a capital of \$50,000, and is composed of gentlemen interested in the development of the various commercial, manufacturing and agricultural resources of the great northwest.

There are in Toledo six national banks, three saving institutions and several private banking houses. There are several first-class hotels; five daily and eighteen weekly newspapers, as well as many miscellaneous publications. There are some thirty miles of street railways in efficient operation; over fifty miles of sewers, and the stand-pipe system of water-works. The Fire Department consists of four hose companies, three engine and hose companies and one hook and ladder company, while there is a system of fire alarms throughout the city. The Toledo Public Library is ably conducted and has twenty-one thousand volumes. There is also a Law Association Library, having three thousand four hundred books; and St. Patrick's Library with three thousand books.

The citizens of Toledo feel a just and commendable pride in the superb and imposing structure, known as the Soldiers' Memorial Building, situated on the corner of Adams and Ontario streets, in the heart of the city. It is the only building of the kind in the United States, and was erected by the Toledo Memorial Association, whose efforts were ably supplemented by the city. The entire building is admirably adapted to meet the needs of a Memorial Hall and a military establishment under one roof.

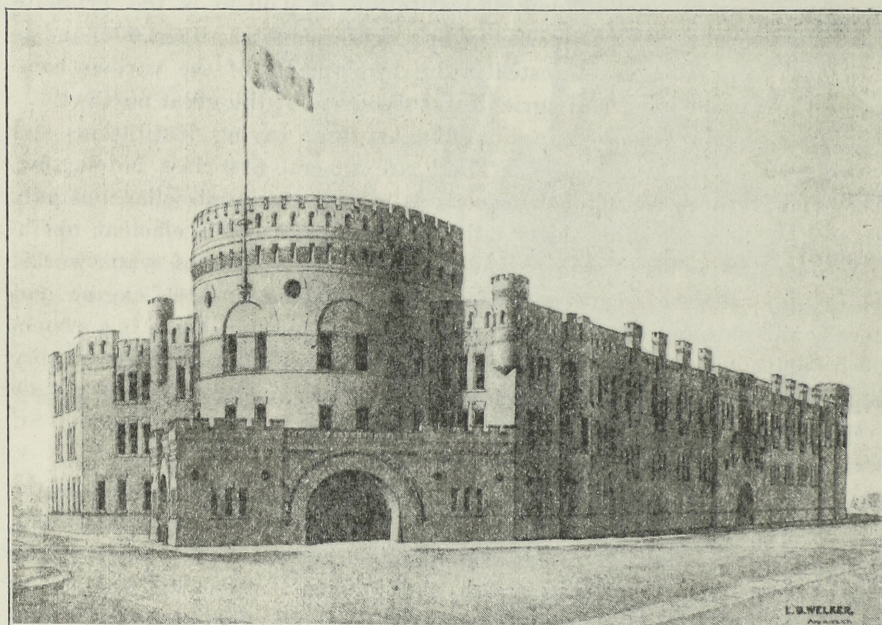
Public Buildings.

Toledo has large and handsome public buildings. The greater number of the superior buildings of the city have been erected since 1870. Among these are the Chamber of Commerce, the Produce Exchange, the Masonic Temple, the Boody House, Wheeler's Opera House, Soldiers' Memorial Building, the National Guard Armory, the Walbridge Commercial Building, the Toledo Club, the Public Library, the Blade Building, the Bee Building, and many others.

Toledo Produce Exchange.

The Toledo Produce Exchange was organized January 7, 1871, under the laws of Ohio, for the following purposes: "To conduct and regulate

commercial transactions, the buying and selling provisions, breadstuffs, grain and produce, and all such other articles of trade exchange as may be determined by the rules and by-laws of the Association; to promote equitable and honorable principles and to advance the commercial and material interests of the city of Toledo, and also of the places in and from which interchange of commodities are made by and through this Association." The substantial and imposing structure known as the Toledo Produce Exchange faces St. Clair and Madison streets, and was erected by the organization whose name it bears in 1879. The cost of the building, including site, was \$157,000. Five stories high and 120 feet square, with



ARMORY OF THE NATIONAL GUARD.

an area in the rear, it contains a large hall where the meetings of the Exchange are held, and many elegant offices, both single and en suite, chiefly occupied by members of the Exchange.

Toledo Has

Ninety-two thousand population.

Eleven banks.

Nine hundred and fifty manufactories.

Twenty-five miles of dockage.

Twelve grain elevators, with a capacity of 8,000,000 bushels.

Seventy-five miles of street railway, mostly electric.

One hundred miles of paved streets.

Ten daily passenger steamers; the best harbor on the lakes.

Two independent natural gas companies, with 200 miles of distributing pipe.

Four large oil refineries, tankage and pipe lines.

Third greatest railroad center in the world—140 passenger trains arriving and departing daily.

The best stone and glass sand quarries in the country.

Seventy-five churches.

Thirty magnificent public school buildings.

Twelve hundred telephone connections.

The largest and best equipped Manual Training School in the world.

The first and most elaborate Memorial Hall in the United States.

Seventy-five miles of main sewers.

One hundred and fifty miles of sidewalk—mostly stone.

Seventy-five miles of city water pipes.

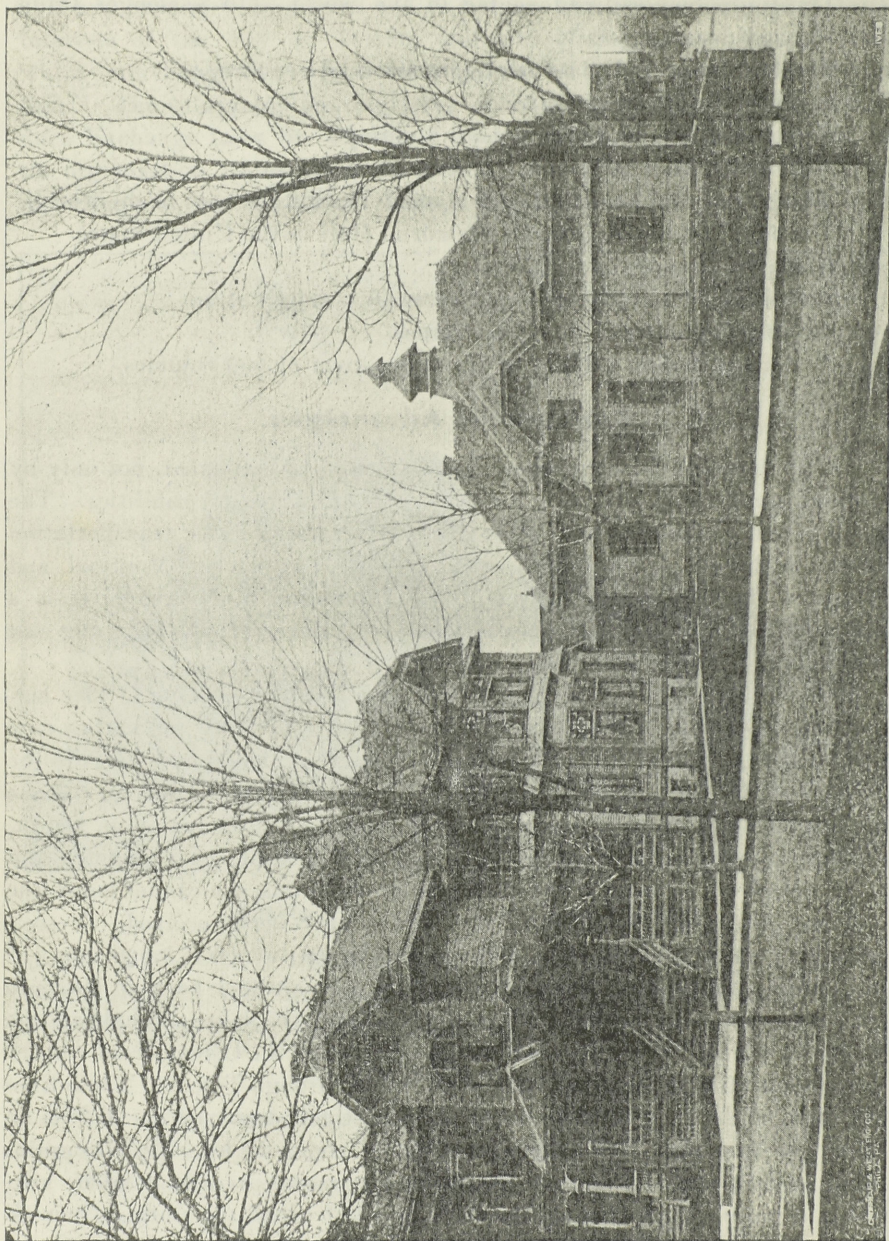
The finest Public Library of the state—over 30,000 volumes.

Commercial Advantages.

The business advantages of Toledo should be estimated, not only by present conditions, but on a basis as well of future probabilities. The great element of commercial strength is in her cheap water transportation to the seaboard of New York, and by the St. Lawrence to Montreal, and thence to Europe, during seven or eight months of the year. It is a supreme influence in the transportation of heavier commodities going east and coming west.

Enlargement of the size of the lake marine and deepening of lake harbors has greatly contributed to her advantages. The bay and harbor now admit vessels of the largest class. The straight channel now gives to the vessels seventeen and one-half feet, and the harbor is still deeper. If the lake marine increases in size, so will the channels be increased in depth, because the ports at the lake are all grouped in this internal commerce, and it is a loss to so load a vessel at one of them that she cannot enter the others. Cargoes of iron ore of 3,000 tons have been received. Vessels can carry out of Toledo 100,000 bushels of wheat, which is 3,000 tons.

This cheap water transportation has concentrated here an immense railway interest, radiating in all directions from the lake, through all the states in the union and, by their connections, with the Orient, from whence large quantities of tea are transported to and through Toledo. These lines of road, with their thousands of miles of track, transport to Toledo an immense commerce and a great variety of commodities. Besides grain, flour, provisions, etc., a great business is growing here in lumber, salt, coal, iron ore and general merchandise, in all of which the traffic is increasing year by year. The lumber of the north reaches here both by rail and water, and, with the hard-wood products, is distributed over the south and southwest. Toledo largely supplies the same area with salt, received by rail and lake. The coal commerce, commencing in 1884 with 340 tons,



increased, in 1888, to 3,400,000 tons. It will expand as the consumption increases. The lake marine, supplemented by the great railways, transport here from the east, immense quantities of general merchandise which is distributed to all the country, thence to the Pacific Ocean. The salient point to be observed, in discussing the advantages of Toledo, is that this commerce can be increased in the ratio that capital and enterprise are interested in the necessary instrumentality. The advantages named are a supreme condition and can be improved as capital and brains give the opportunity.

Desirability for Residence.

If beauty of situation, benefits of unexcelled business opportunity, all that is wise in conservatism united with all that is noble in the grand progressive movement of the present age; if surroundings elevating in influence, institutions helpful in an honorable struggle with the vicissitudes of practical life; if health, wealth and happiness are attractions in a place of residence then Toledo upon her terraced slopes must win like a mother or command like a queen. She is the third city in population, wealth and influence in the commonwealth of Ohio; the chief commercial city and one of the most important jobbing points in the great northwest; the great wheat market of the country, the leading center on the lakes for bituminous coal, and draining a tract of country by means of her remarkable system of lake, canal and railway communication, which produces enough to feed a nation, while vast oil, lumber and iron regions are directly tributary to and constantly contributing to its development as a rapidly growing manufacturing and commercial center. The manufacturer and capitalist seeking a home in Toledo finds his interests and safety and well-being of society resting upon a sound, secure basis of well-conditioned labor, and its people to be of that class who are always looking forward and never backward.

The Press.

The press of Toledo is fully up to the highest grade of modern newspaper enterprise, and in all the departments of news-gathering and of thoughtful discussion, the papers of the city are true representations of its progress and its advancement. It has exerted a powerful influence in promoting the material prosperity of the city, and in contributing to the results which have culminated in the Toledo of to-day.

There are five daily newspapers in Toledo—the Morning Commercial, the Toledo Blade, the Toledo Evening Bee, the Toledo Evening News and Toledo Express. There are fifteen weekly newspapers—the Commercial, Blade, Bee, News, Express, Sunday Journal, Volks-Freund, American, World, East Side Record, Public Record, Stumbling Stone, Amerijka (Polish), Kurjer (Polish) and The Critic—also many miscellaneous publications.

The Builders' Exchange.

This organization was incorporated February 13, 1892, and has for its object to promote integrity and good faith, just and equitable principles of business, to discover and correct abuses, to establish and maintain uniformity in commercial usages, to acquire, preserve and disseminate valuable business statistics and information, to prevent or adjust controversies or misunderstandings which may arise between persons engaged in trade, and generally to foster, protect and advance the commercial, mercantile and manufacturing interests of the city. The headquarters of the Exchange are located in the Blade building, where the office, assembly rooms, committee rooms, etc., occupy the entire third floor and are handsomely fitted up and appointed, and are open to members daily. The Exchange has a



THE PYTHIAN CASTLE.

membership of about two hundred of the representative business men of Toledo engaged in the several departments of the building trade and the supply of building material, and already it is contemplated to erect a handsome modern commercial building for the uses of the Exchange.

The board of directors and officers of the Exchange are as follows: John C. Romeis, President; A. Bentley, First Vice-President; Wm. J. Spear, Second Vice-President; E. J. Weis, Treasurer; John Stollberg, Secretary, and John C. Romeis, A. Bentley, W. J. Spear, J. W. Lee, J. Jackson, J. E. Schultz, J. L. Cresswell, Albert Neukom, P. H. Degnan, Fred Schultz, John McCaffery, T. J. Pickett, M. Hanrahan, John Stollberg and M. Donovan, Directors.

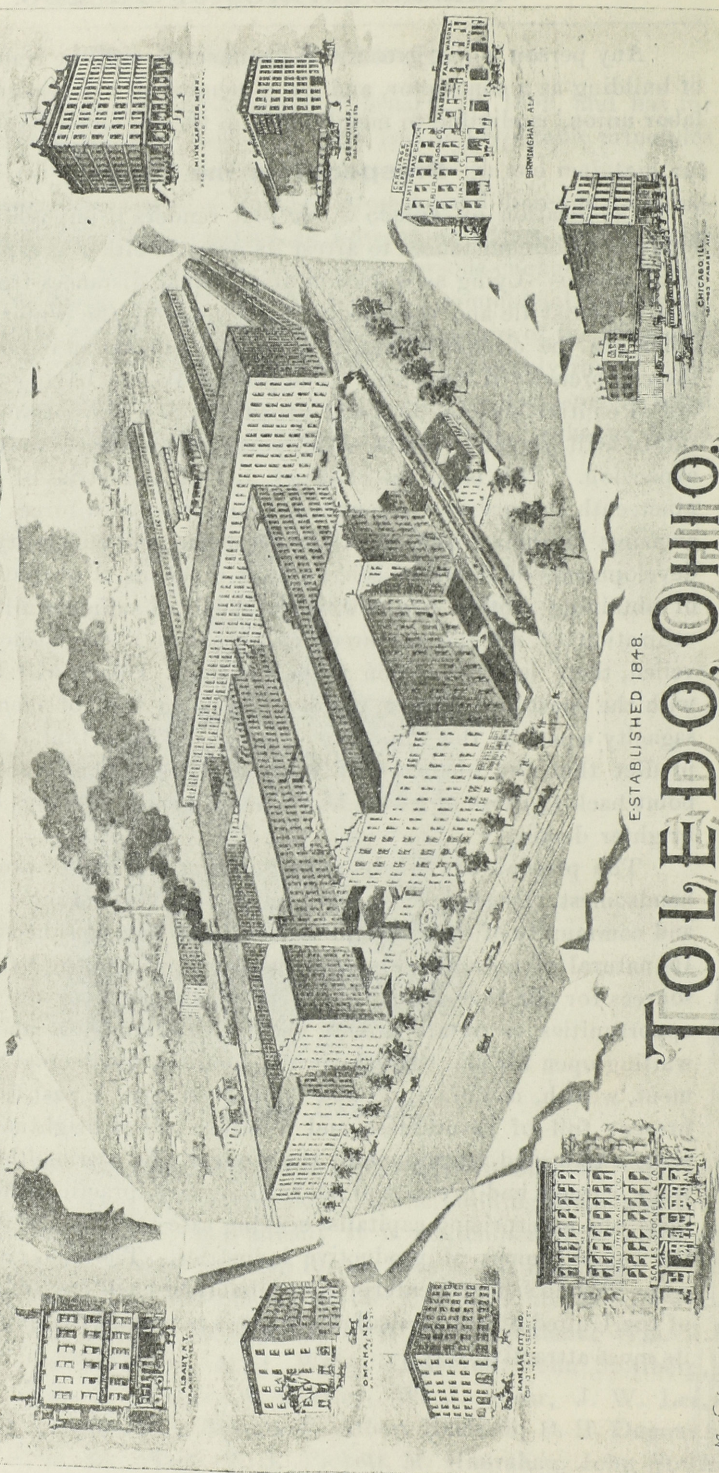
Any person whose avocation is connected with the trades or industries of building as a contractor, and not a member of a journeymen's trade and labor union, is eligible to membership in the Builders' Exchange.

Prospects for the Future.

The location of Toledo is one that renders it impossible for any combination of circumstances to arrest its growth, either as a place of business or residence. Lying as it does at about equal distances from Chicago, St. Louis, Louisville and Cincinnati, and occupying the center of which these cities are the circumference, it is sure to become an important feeder for these overcrowded localities. The past of Toledo having furnished a record of continuous and sustained growth, it is a fair presumption that the future will present results of proportionate advance on well accelerated expansion. This is an age of speed, and the industries of the close of the nineteenth century are surrounding themselves with forces and agencies as amazing in their results as those of steam and electricity. Already the developments of electrical science have given us a revolution in methods of obtaining motive power which bids fair to supplant all others. In the utilization of all the resources which nature has furnished or science unveiled, there is every reason to believe that Toledo will be fully abreast with the most progressive cities. It has no lack of men with business sagacity equal to the improvement of every opportunity, and it is safe to predict that the historian of the industries of the future will be able to point back to those of to-day as the auspicious beginnings of a greater and brighter destiny.

The present of Toledo is magnificent and full of promise. It is the handsomest, richest, busiest, most public spirited and most progressive city and community of equal extent and numbers between the two great oceans. Its natural advantages were never better supplemented by its acquired resources for the development of its progress than they are to-day, and the opportunities to obtain homes, occupation, happiness and prosperity lie waiting open for all. Toledo is the home of intellectual vigor and refinement, wealth, manufactures and commerce, with a past full of interest, a present full of earnestness and a future full of brightness. Toledo presents a thousand attractions to the student, the patriot, the statesman, the wage earner, and greatest of all to that most practical of all philanthropists, the enterprising capitalist seeking safe investments in real estate or the establishment of productive industries. The time is not far distant when Toledo's 90,000 enterprising inhabitants will have doubled, and when of the United States it shall be, what it is now of the great state of Ohio, its most attractive city.

THE MILBURN WAGON CO.



ESTABLISHED 1848.
TOLEDO, OHIO.

M.W.C.

TOLEDO.

Some of the Leading Industries and Principal Mercantile Establishments,
with Sketches of their Foundation, Progress and History, and
Notes on Character and Extent of their Operations.

THE MILBURN WAGON COMPANY.

Manufacturers of Vehicles, Toledo, Ohio.

It would be practically impossible, outside of the limits of a special volume of its own, for the Milburn Wagon Company to expect anything like real justice being done to what is certainly the most extensive manufacturing enterprise in Toledo, and the largest of its kind in the world. That this company has done more to direct the attention of the public to Toledo as a favorable site for manufacturing purposes than any other, can not be questioned by any one having the slightest pretensions to being called a traveler, and in fact, for a number of years, Toledo was but little known outside of its own immediate limits except as being the site of the extensive wagon manufactory of the Milburn Wagon Company.

The present colossal establishment is the outgrowth of the enterprise first instituted in 1848 by Mr. George Milburn at Mishawaka, Ind., and was incorporated and removed to this city in 1873. The works as now operated are a transformation as wonderful as great, and almost magical when compared with the small plant and equipment at the inception of the business. No lucky combination of circumstances, however, has brought about this change. It has been secured by the most indomitable will, careful attention to the most minute details, systematic supervision and accounting in every department, the employment of the highest skill and ability, and the production of the most meritorious goods of the kind in the market. The result has been steady and permanent growth which has required increased facilities annually, and though each year a zenith has been apparently reached, the continued increase in the demand for the company's vehicles has necessitated further enlargements, that for the past year being even greater than ever before. This condition has been promptly met, and for the ensuing season the company is in a position to promptly serve their old and new patrons with the best vehicles in the world.

The works of the company are located in the western confines of the city and cover an area of forty-five acres. They are surrounded on three sides by railroad tracks, and other side tracks enter the premises, cars being loaded and unloaded directly into the warehouses and under cover. The buildings, which are enormous brick structures ranging from three to six stories in height, are so arranged that a minimum of handling is re-

quired in the various processes of manufacture, and the mechanical equipment, which is operated by two steam engines of 700 horse power capacity, embraces all the latest improved labor-saving machinery known to the trade. The works in operation present a perfect hive of industry, and include almost every branch of mechanical art. Thus, here may be found machinists, blacksmiths, body makers, upholsterers, painters, ornamental painters, top makers and many other artisans, all contributing the results of their knowledge and skill to the perfection of the products of this great wagon works. The various departments entail the services of about nine hundred machanics, and each department is supervised by men of the highest skill and ability, and unquestionable integrity, to which fact is largely due the world wide popularity of the vehicles turned out. The company are manufacturers of farm wagons and buggies, spring wagons and business wagons, log trucks, city gears, excavating gears, light drays, plantation and railroad carts, etc., and a very large and complete line of business wagons for all purposes. Since the variety of wagons and other vehicles made by the company is so large it will not be necessary to enumerate them here, our readers being referred for particulars to the comprehensive illustrated catalogues issued by the company, which will be forwarded upon application. The vehicles built by this company are in use in almost all parts of the world, in every state and territory of the United States, in Mexico, Central and South America, the West Indies, Australasian Empire, South Africa and elsewhere, and the annual output is upwards of 30,000 vehicles. The company have numerous agencies in the principal cities of the country, where full lines of their unexcelled wagons are exhibited and furnished the trade and consumers.

The management of this extensive enterprise is vested in the hands of Messrs. C. F. Milburn, Pres.; F. D. Suydam, Secy.; and G. R. Hudson, Treas.; whose fitness has been amply demonstrated by the growth and popularity of the business. It would be simply superfluous for us to add any words in commendation of this company, their present position is too solid proof of thrive, enterprise and success, and the character of their products has been fully attested by the demand which their inherent merits have created for them. Our purpose will have been accomplished if our remarks promote a more general knowledge of an enterprise, the success of which has had such a vital bearing upon the well being of so many operatives, and through them upon the prosperity of Toledo.

American wagon building is not excelled in the world, and the Milburn wagons and vehicles stand at the head of the list of standard goods of superior merit, and are to be found in the hands of all leading and reliable dealers the world over.

THE TOLEDO WINDOW GLASS COMPANY.

Manufacturers of Window Glass, Toledo, O.

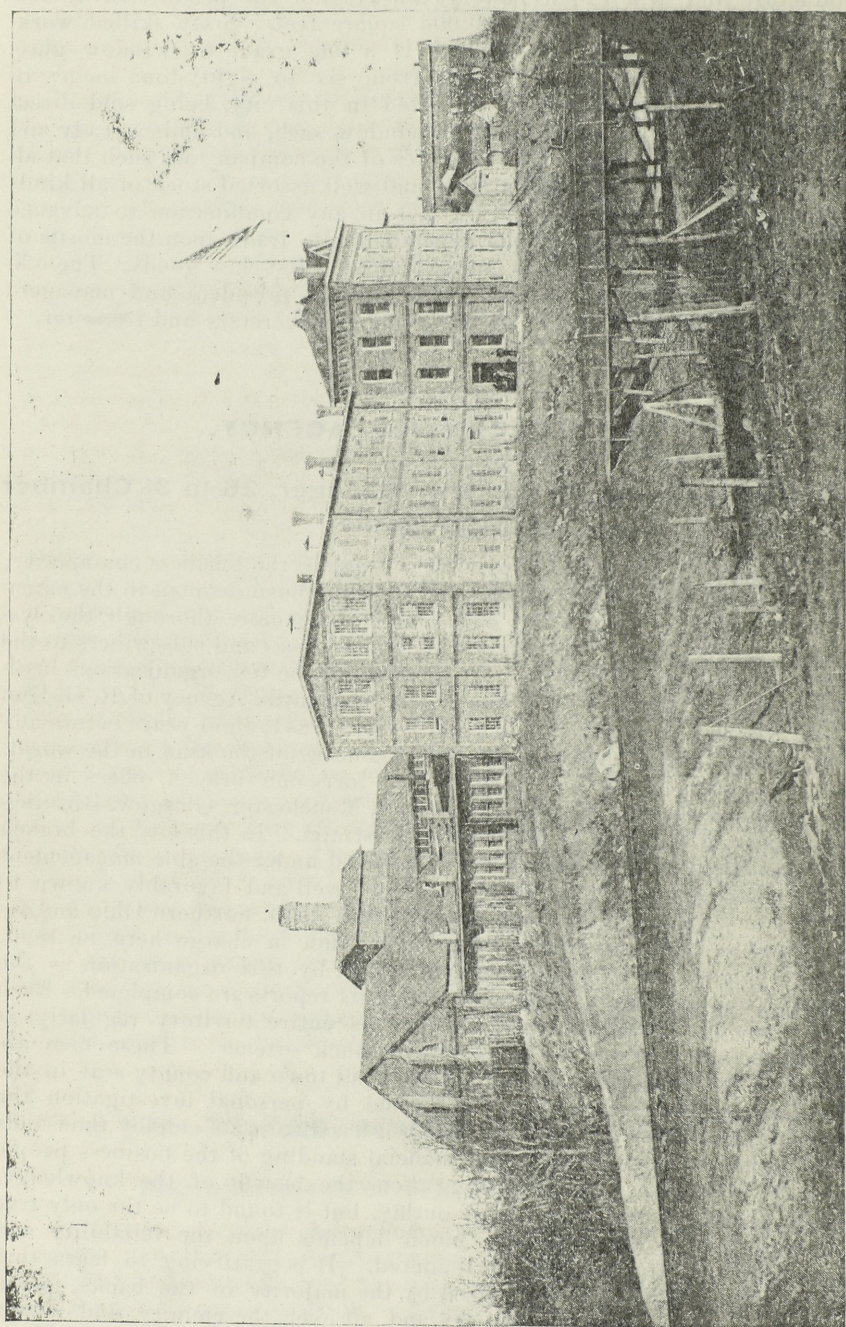
Toledo is rapidly approaching a condition with regard to her manufacturing industries that enables the wants of her trade to be almost entirely supplied by the products of her own workshops. Especially is this true of the great staple products required in the erection of buildings, and a step in the right direction was the establishment here in 1888 of the Toledo Window Glass Co., which has since built up a wide reputation for the superior grade of its output. The company's works are extensive in

character, covering an area of about three acres. The plant is perfect in all its equipment, embodying all the latest improvements incident to glass manufacture and is a 12-pot factory, allowing of the production of 200 boxes of glass per day, or about 10,000 square feet. Sixty skilled workmen are employed and the product is a fine grade of window glass which is made in all sizes ranging from six to eighty-four inches in length, which is almost wholly marketed in this city, being sold direct to the jobbers and manufacturers of window sash, and finds a ready and constantly increasing sale. The facilities of the company are such that all orders are promptly filled, and a large and well assorted stock of all kinds is always on hand. The company is not in any combination to advance prices or curtail production, but depends for its trade upon the merits of its product at prices as low as is compatible with first-class goods. The officers of the company are Messrs. D. W. Miller, president and manager; F. H. Tanner, vice-president, and C. D. Clapp, secretary and treasurer.

THE MERCANTILE AGENCY.

R. G. Dun & Co., C. E. Pickard, Manager, 26 to 31 Chamber of Commerce.

The question of credits is of vital interest to the business community, and anything that aims to protect and help the business man in the extension of his credits is worthy of confidence. The more thorough the system the greater the protection, and the more offices and subscribers to the system the greater the benefit. At the head of the few organizations instituted with this object in view stands The Mercantile Agency of R. G. Dun & Co., which was established in New York in 1841, eight years before any other agency, and is therefore the oldest concern of the kind in the world. This firm have in all, one hundred and forty-one branch offices in the United States, Canada, London, Liverpool, Manchester, Glasgow, Birmingham, Berlin, Paris, and at Melbourne, Australia. In this city the branch was established in 1868, and is now conducted under the able management of Mr. Charles E. Pickard, who has become well and favorably known to almost every merchant and manufacturer in Toledo, northern Ohio and Indiana, and southern Michigan, since his location in charge here in 1890. One of the great secrets of the success earned by this organization is the thorough and systematic manner in which its reports are completed. Each office sends out traveling reporters over its entire territory regularly, at least once each year and to some places much oftener. These men are trained to the business, visit every cross-road town and county seat in the whole country and ascertain on the ground by personal investigation the status and condition of trades. The firm has also in its employ thousands of the ablest authorities upon the financial standing of the business people in every community, who are giving them the benefit of the knowledge. This systematic work entails large outlay, but is found to be the only true way to do the business, which so much depends upon the reliability and thoroughness of the information rendered. It is gratifying to learn that this mercantile agency is patronized by the majority of the banks, manufacturers and merchants in this city and all over the vicinity, and it certainly invites the support of those who transact a business where credit is given and obtained.



THE LIBBEY GLASS COMPANY.

THE LIBBEY GLASS COMPANY.**Manufacturers of Rich Cut Glassware, Toledo, Ohio.**

While the art of glass-making is older than history itself, and has been practiced with more or less success by all nations and peoples for many centuries, it has been reserved for the present day and the Libbey Glass Co., of this city, to reach the highest development of perfection in the production of rich and artistic cut glassware. This company was incorporated in 1888, and is the direct successor of the enterprise originally founded in 1818, at Boston, Mass., under the title of The New England Glass Works. In 1876 the late Mr. W. L. Libbey, who for many years had been the agent of the company, assumed control of its affairs, and in 1880 Mr. E. D. Libbey became a member of the firm, assuming entire charge of the business upon the death of his father in 1883. In 1888 the factories were removed to this city, where the manufacturing department might have the benefit of the absolutely uniform temperature afforded by natural gas, it having been demonstrated that in the use of natural gas as fuel, glass of a uniform quality and color could be obtained. The company's plant covers two acres and is connected by side tracks with the railroad system of the city, affording the most complete shipping and receiving facilities. The main building is three stories high, 40x200 feet in dimensions, and is fully equipped with every modern improved appliance known to the trade, is operated by steam-power and furnishes employment to about three hundred skilled workmen, the capacity of the works being about thirty-five tons of glassware weekly. It is not, however, upon the quantity of their productions that this company place their claims to prominence, but entirely upon the artistic character of their products. Having the benefits of the experience of nearly three-quarters of a century in the business of making fine glassware, with an unsurpassed plant, the most skilled workmen and artistic designers, the Libbey Glass Co. are now turning out the most beautiful and perfect cut glassware that art has ever succeeded in producing. In the first place, they have at their command the purest sand in the world, procured in Berkshire county, Mass., which, when combined with other necessary materials, is well known to make the finest glass in the world. The various forms having been made by the glass-blower, the highest skill of the glass-worker is brought to bear in the cutting, and in this department this company leads the world, both in the matter of new and beautiful designs and in their execution. A chief characteristic of the Libbey glass is that the ware is always deeply cut, which adds ten-fold to the brilliancy of the article, and without which it is comparatively valueless. The Libbey company make no cheap, shallow cut goods. Their aim from the first has been to produce the best, which should take the lead in the excellence of the product; and the reward of the company has been the first place in the art. The company has introduced a large number of new designs and patterns, all of which are protected by copyright and many of them have gained great popularity, while all evince great taste and artistic beauty, and represent the evolution of this industry from comparative obscurity to that of probably the most popular modern mechanical art. Among these patterns are the Harvard, the Victoria, the Florence, the Kimberly, the Stratford and the Wedgemere. The Kimberly was named in honor of the Kimberly diamond mine in South Africa, by reason of its remarkable brilliancy, which is surpassed only by the lustre of the diamond. The Wedgemere is somewhat similar to the Stratford, and by many persons is considered the most artistic pattern

manufactured by the company. Among the many useful articles upon which the Libbey patterns are cut are bonbonnières, leaf dishes, nut dishes, shell dishes, champagne glasses, ice cream sets, celery dishes, flower bowls, vases, punch bowls, decanters, spoon dishes, jewel baskets, jelly trays, ice bowls, jugs and goblets, as well as many other articles. The Libbey company's goods are sold in all parts of the United States, and wherever exhibited prove of great attraction to people of refined and artistic tastes. They take more than ordinary pains to enable the purchaser to examine the ware, supplying, on application, reputable dealers with specimens of its different patterns and shapes. Once seen, the Libbey ware is preferred by all above any other of either foreign or domestic manufacture. On account of the superior quality of their ware, and their recognized ability for producing only the finest work, the directors of the World's Fair at Chicago have granted to the Libbey Glass Co. the exclusive privilege of erecting a cut-glass factory at the Columbian Exhibition in 1893. The company will erect an immense crystal palace, at a cost of \$50,000, in which a practical exhibition of the different processes of American cut glass manufacturing will be given, and their products will be offered to the public as souvenirs of the exhibition. Every article sent out by the Libbey works has their trade mark upon it—an eagle in an inner circle, surrounded by an outer circle in which are the words "Libbey Cut Glass, Toledo, O.," which will be found a protection to the public against deception. The officers of the company are Messrs. E. D. Libbey, president and treasurer, and J. D. Robinson, secretary, who, aside from obtaining that legitimate profit to which their enterprise entitles them, are doing more perhaps than any other single manufacturers toward the elevation of the artistic perceptions of the American people, by the production of beautiful and rich cut glassware, which is unequalled for brilliancy, beauty of design and originality, the whole world round.

THE TOLEDO TINWARE MANUFACTURING CO.

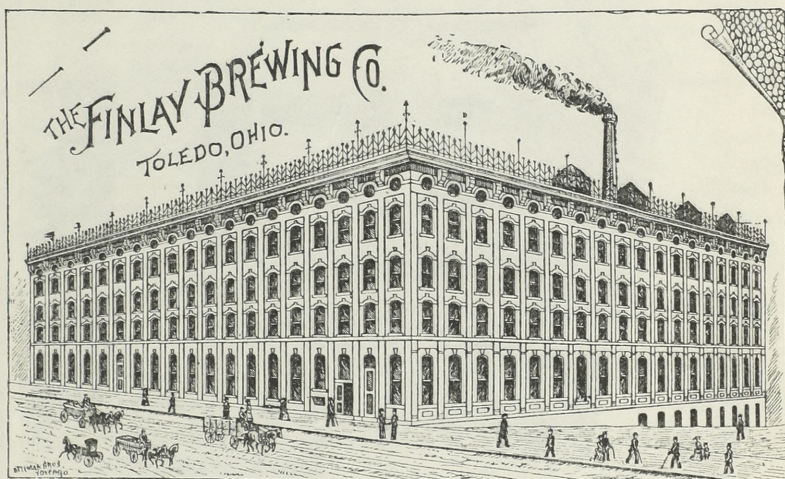
Manufacturers of Pieced Tinware, Cor. Erie & Orange Sts.

The Toledo Tinware Manufacturing Co. was incorporated in 1886 and has since built up a large and growing trade for its products, that extends throughout a major part of the southern and western states. The company's plant is embraced in a series of suitable structures, having a flooring area of 24,000 square feet, which are fully equipped with all the latest improved machinery and tools for the manufacture of pieced tinware in large quantities, steam power being used to operate the machinery and employment being furnished to one hundred skilled workmen. The products embrace all kinds of pieced tinware, large and small, including, also, copper tea-kettles and copper wash-boilers. The facilities of the factory are such as enable the company to produce the best goods at the lowest possible prices, with the result that they successfully meet the competition of the most favored cities of the country. The officers of the company are: Messrs. John Stolberg, president; E. P. Breckenridge, vice president and treasurer; Geo. A. Webber, secretary and Chas. Stolberg, general manager; all well-known business men and prominent in the industrial activity of Toledo. The company have, under their able management, achieved a position that entitles them to no small degree of consideration among those important industries which foster and promote the advancement of Toledo.

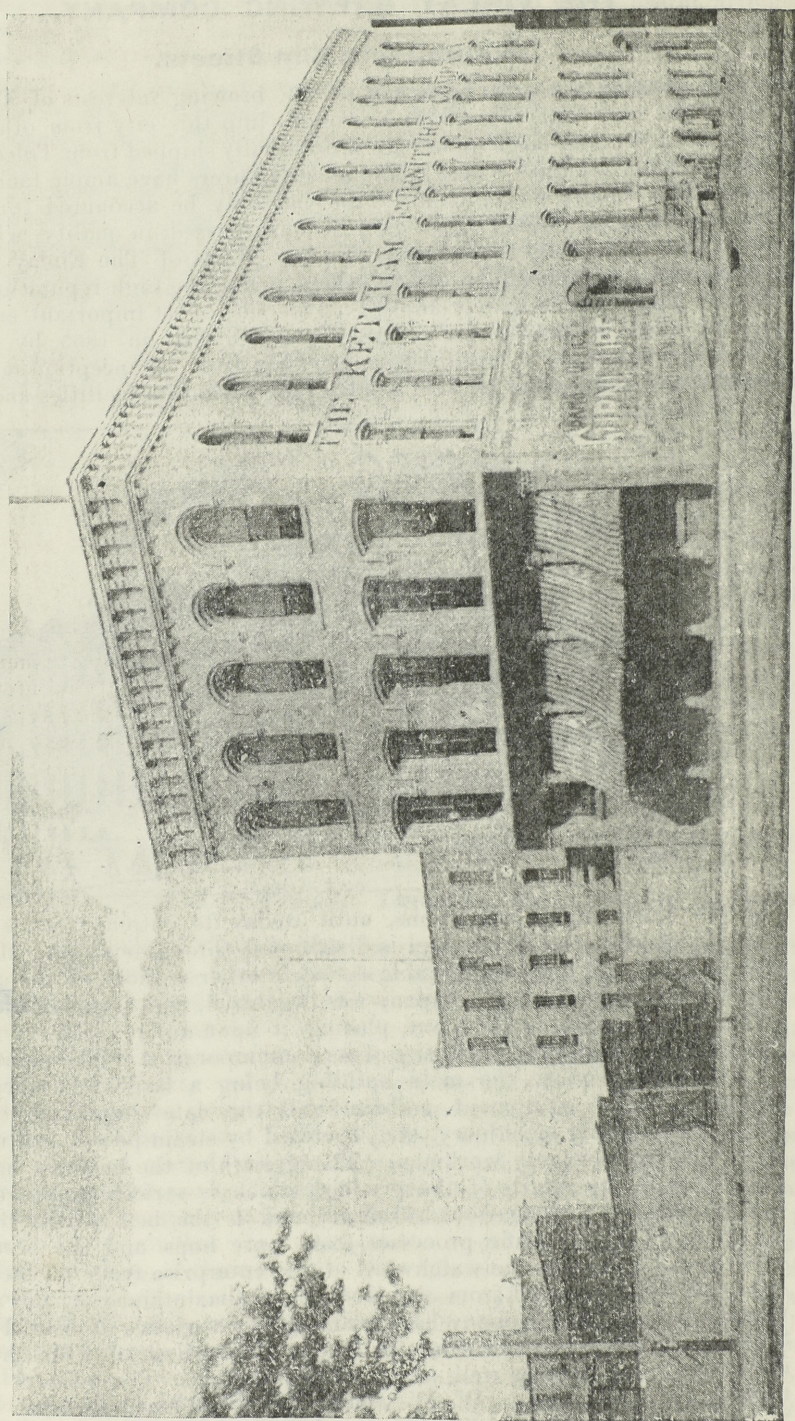
THE FINLAY BREWING COMPANY.

Summit and Elm Streets.

A notable fact with reference to the brewing interests of Toledo is that while very little lager beer is brought into this city from other large producing centers, large quantities are annually shipped from Toledo breweries to other localities where home manufacturers have ample facilities to more than supply the demand. This can only be accounted for on the assumption that Toledo lager beer is unsurpassed in quality, which has come to be generally recognized. To the efforts of The Finlay Brewing Co. of this city, more than to any others, is due the high reputation which Toledo lager beer so widely enjoys. This now most important enterprise of the kind in Toledo was originally established in 1855, by the late W. J. Finlay, upon a very modest scale, but from its inception it enjoyed a rapid and continuous growth, annually increasing its facilities and widen-



ing the scope of its operations, until to-day its output reaches 80,000 barrels per year, and its product is distributed throughout Ohio, Michigan and Indiana, and to a considerable extent in other sections of the country. In 1886 the present stock company was organized, and large additions and improvements made to the plant, placing it upon a par, so far as modern equipment is concerned, with any of its contemporaries. The plant covers an entire city square, the main building being a large four-story brick structure. The equipment embraces all the late improved brewery appliances, cooling machinery, etc., operated by steam power, and employment is given to ninety workmen. The growth of the business has been solely due to the merits of the product, which is strictly pure, free from any adulteration or injurious substance, and is the best quality that can be produced by scientific processes from pure hops and the best malt. This policy has been the watchword of the enterprise from its inception, has never been deviated from and is sedulously maintained by the present management. The company have two leading varieties of beer, Finlay's Superior Lager Beer, and Finlay's Export Beer, both of which have an enormous local sale as well as in other markets. The officers of the company are as follows: W. W. Jones, Vice-President; Richard Waite, Secretary, and M. Morris, Treasurer and General Manager.



THE KETCHAM FURNITURE COMPANY.

THE KETCHAM FURNITURE COMPANY.

Manufacturers of Bank, Office and Public Building Furniture, Interior Finish, etc. Summit St.—Locust to Pine.

The Ketcham Furniture Co. was incorporated in 1889, and has since greatly increased its operations, trade and influence. From its inception it has been the policy of the management to turn out nothing but first-class, high grade products, and their reputation for artistic designs and fine finish and execution now extends from the Atlantic to the Pacific. The company's plant is a most extensive one and occupies the entire block on Summit street, from Locust to Pine. The main buildings, two in number, are 30x150 feet, three stories and basement, and 60x150 feet, four stories and basement, respectively, and they are completely equipped with all the latest improved woodworking and cabinet machinery known to the trade, operated by steam power, and furnish employment to one hundred skilled workmen. The company undertakes contracts for the complete furnishing of the interior finish, mantels, desks, book-cases, fixtures and furniture for public buildings, offices, stores, banks and private residences, which are made from original designs or from architect's plans. The most elaborate productions are supplied, consisting of beautifully carved and polished woodwork, made from the rarest and most expensive hardwoods, as well as plainer work, as may be desired. Where it is said that mantels alone valued at many hundreds of dollars are turned out from this establishment, some idea of the importance of the products may be gained, and the contracts for public buildings entered into by the company frequently reach many thousands of dollars. The company has furnished the interior hardwood finish for many of the most expensive public buildings in all parts of the country, including, also, many banks and noted private mansions, a list of which, with privileges of reference and inspection, may be obtained upon application to the company. The officers of the company are: V. H. Ketcham, president, and L. Y. Williams, secretary and treasurer, gentlemen closely identified with the growth and prosperity of Toledo, and thoroughly familiar with the requirements of their important industry.

STOLLBERG MANUFACTURING COMPANY.

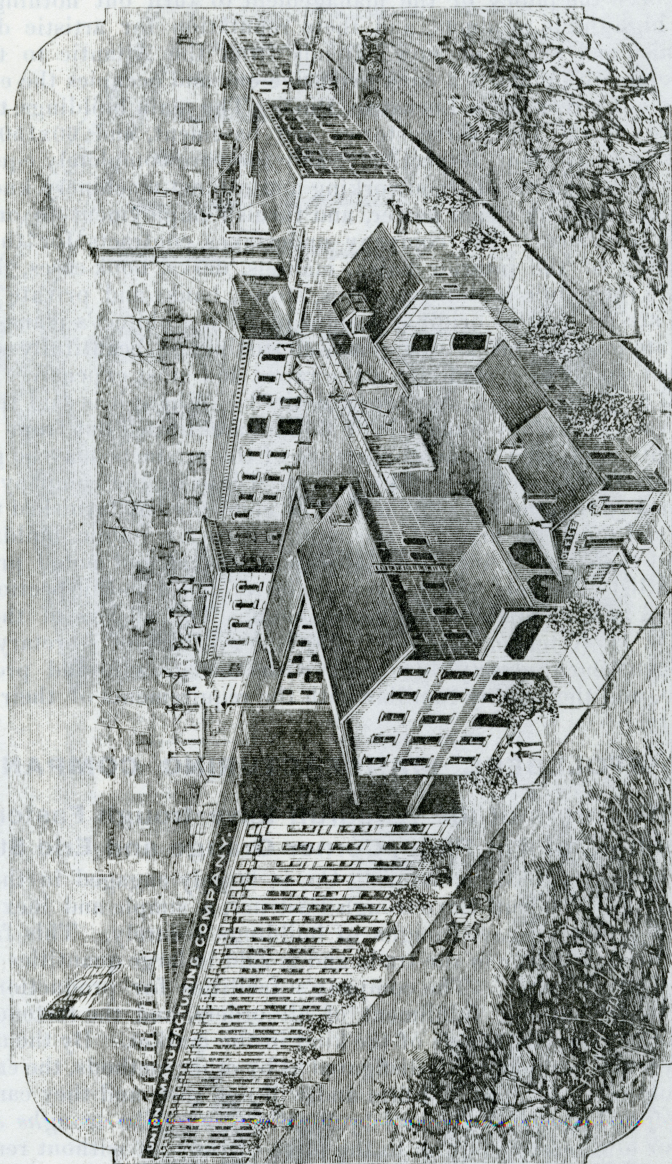
Manufacturers of the Woodruff Eave-trough Fasteners, and Jobbers of Tin Plate, Corner Orange and Erie Streets.

The Stollberg Manufacturing Co. is largely engaged in the manufacture of the Woodruff Eave-trough Fastener, a simple and inexpensive device for attaching eave-troughs to buildings securely. This fastener has met with great favor in the trade and is sold in large quantities in all parts of the United States. The company's facilities for production are fully equal to the prompt fulfillment of all orders, and the fasteners are warranted to be the best goods of the kind in the market. By the use of these fasteners the cornice is not disfigured as by other methods, the eave-troughs will hold more straight and firm and will not rust, and they can be put up in one-fourth the time required by the old way. The troughs can be elevated or lowered to conform to the pitch of the roof without removing the fasteners from the buildings, and the troughs can be taken down, cleaned and repaired without injury to either themselves or the fasteners, and without removing the latter. The company are also extensive jobbers in tin plate, and transact an important and growing trade in this staple.

UNION MANUFACTURING COMPANY.

**Manufacturers of Wooden-Ware and Sewing Machines,
Office 511 Hamilton Street.**

The Union Manufacturing Co., of which Mr. William Peter is the sole owner, is without question the most extensive enterprise of its kind



in the country. The business was inaugurated in 1864 and from its inception its growth was rapid and substantial. The plant was purchased by its present owner, who is one of the largest manufacturers of sash, doors and blinds and dealers in lumber in the State, and also conducts a large

enterprise of this kind in Toledo, besides being largely interested in the manufacture of lumber in Michigan. The plant of the Union Manufacturing Co. covers nearly eight acres, upon which are erected numerous substantial and imposing buildings, the whole being equipped with late improved machinery of special and general character, and both for the manufacture of iron and wood products. A well equipped iron foundry is also a part of the facilities, and the manufacture of light and heavy grey iron castings to order is an important feature of the business. At present 225 skilled workmen are given employment in the works, which fact gives evidence of the important part the enterprise bears in fostering the general thrift of Toledo. The products of the establishment comprise all kinds of wooden ware, including many varieties and styles of churns, washboards, wheelbarrows, boys' wagons, carts and sleds, kitchen woodenware, etc. These goods are made in all parts from the raw materials, the works being so self-contained as to produce their products in entirety, and they are thus enabled to place them on the market at the lowest possible prices consistent with quality. Another department of the business is the manufacture of the "Union" and the "Star" sewing machines which have become famous throughout the country and are in all respects equal to any other first-class sewing machines in the market. The products of the company are shipped to all parts of the country and are everywhere recognized as the best of the kind in the market. The enterprise is an important factor in the development of the industrial resources of Toledo and its continuance here is adding daily to the fame of this city as a leading source of supply for first-class manufactured products.

GOSLINE & BARBOUR.

Miners and Shippers of Coal, Office: 422 Madison Street.

The great coal interest of Ohio finds of its foremost representatives in this city, in the enterprise of Messrs. Gosline & Barbour, which is the oldest established house of the kind here, as well as one of the largest in Ohio. The firm was organized in 1872 and has ever since pursued a career of great prosperity, having built up a very extensive trade for its products, that extends throughout Ohio, Indiana and Michigan, and, by way of the great lakes, reaches largely into the Northwest. The firm owns and operates bituminous coal mines at Shawnee, Perry county and Jackson county, from which are mined and shipped about 800 tons of coal per day. Shipments are made by rail direct from the mines, for which the firm has the most advanced facilities, and the coal is transhipped in vessels at Sandusky, to all lake ports. The mines are located on the line of the Baltimore & Ohio, the Ohio Southern & Dayton and the Pittsburg, Ft. Wayne & Chicago railroads, which enable them to reach all parts of the country at the lowest freight rates. The quality of the coal mined is very high and it is particularly adapted for steam raising purposes, the use of railroads and manufacturers generally, the quality of fixed carbon in the coal being more than usually prominent. The firm are also selling agents in this territory for the Reading Coal and Iron Co.'s and Parder & Co.'s anthracite coal. The individual members of the firm are Messrs. William A. Gosline and Marcus V. Barbour, both prominent and well-known residents of Toledo and largely interested in the development and growth of this metropolis.



CHARLES STAGER & CO.

CHARLES STAGER & CO.**Seed Merchants, 123 & 125 N. Erie Sts.**

Toledo is the most important market for clover seed in this country, and the house of Charles Stager & Co. is probably the largest handler of clover seed in the United States. This house was founded in 1885 by Mr. Charles Stager, who had previously been engaged in a similar business for a number of years, and brought to the new enterprise all the knowledge that long practical experience could provide. The facilities of the firm embrace a four-story and basement warehouse 32x120 feet in dimensions which is fully equipped with improved appliances for re-cleaning the seeds and when ready for shipment the various grades may be depended upon as being strictly according to representations. The firm buy exclusively from merchants, and having prepared and graded them sell them at wholesale to the trade throughout Europe, Canada and the United States, the export trade being the most important feature of the business. The seeds handled are chiefly clovers, the annual transactions of the house reaching upwards of \$1,000,000 in value, and 80,000 bags of seed in quantity. The firm carries a very heavy stock in the season, and are always in the market to purchase seeds. Mr. Stager is a prominent member of the Produce Exchange and is widely and well known as an expert in clover seeds. Personally he is a genial, courteous and clear-headed business man, and those in the trade who have not yet experienced the advantages of connections with his house, will find him anxious to afford them all the accommodations that energy and enterprise combined with modern business methods have made available.

THE PARAGON REFINING COMPANY.**Office: 203 Huron Street. Refinery: Ironville, East Toledo.**

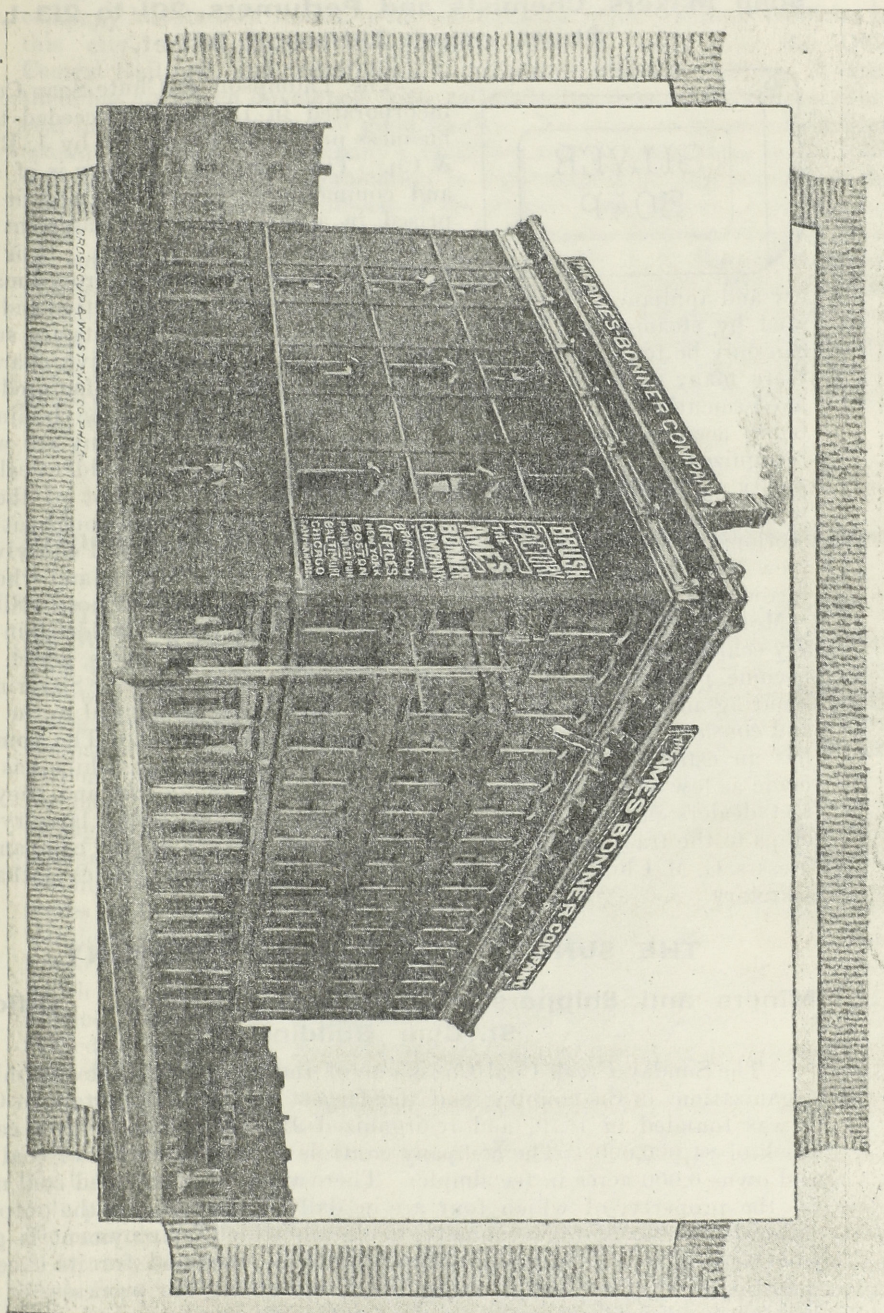
One of those representative concerns which has manifested such a worthy and legitimate spirit of enterprise in the development of the commercial and industrial interests of Toledo is that of the Paragon Refining Co. This company was organized in 1888, and immediately commenced the erection of its manufacturing plant, which was completed and operations were begun in 1889, thus rendering them the pioneers of an industry in Toledo which gives great promise of adding greatly to the fame of this city in the future. The company's refinery and works covers about twenty acres, are eligibly situated, both as regards transportation facilities and opportunities for economical production, and perfectly furnished with all the latest improved apparatus and machinery for the production of superior illuminating oils and the attendant products of naphtha, gasoline, etc., of all grades. The company operates under the Ape patents for eliminating the sulphur from Ohio petroleum, by means of which they produce an absolutely non-sulphurous illuminating oil, that has no superior on the market, and which is in active and growing demand by the trade and consumers throughout the whole country. In fact the company, though so recently established, is already widely recognized as an important factor in the illuminating oil trade of the country, and in the important development of improved processes requisite to the thorough refining of Ohio petroleum and its products, has scored a pronounced success. A large force of experienced workmen is employed in the various departments of the works and the annual output of their oils has attained proportions of great magnitude. The company is in possession of important oil producing property,

pipe lines and tank cars connecting their fields with the refinery, and all other conveniences and advanced facilities that tend to success. The illuminating oils of the Paragon Refining Co. are, as is indicated by the company's title, unsurpassed for quality; they burn freely, are of fine color and produce a clear, soft and brilliant light and never crust, and have no superior for safety and economy. The company has never desired to compete with low grade, inferior illuminating oils, which are a constant source of danger to consumers, but has built up a solid reputation for fine products. The officers of the company are Messrs. George H. Van Vleck, President; F. H. Steel, Vice-President, and F. Gifford, General Manager, who are energetic, clear-headed business men and bring to bear on the enterprise a wide range of experience and good judgment. Progressive methods and able management have marked the course of the Paragon Refining Co. from its inception and give ample promise of a long and prosperous career in the future.

THE AMES-BONNER COMPANY.

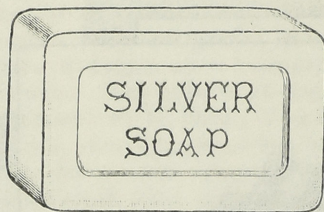
Manufacturers of Brushes, 70 Ottawa Street.

The Ames-Bonner Co. is the only representative of the important industry of brush-making in Toledo, but what is lacking in number of establishments devoted to this industry is more than made up in the magnitude of this company's operations, the facilities at their command and the high quality of their products. This company was incorporated at Toledo, in March, 1890, and is the direct successor and outgrowth of the business originally instituted at Lansingburgh, N.Y., in 1845, by John Ames. It may, therefore, rightfully lay claim to being one of the oldest industries of the kind in America, and it has since grown to be one of the largest, no other similar house in the country exceeding it in the perfection of its mechanical equipment, its economy of production, the high quality of its products, or the extent of territory covered by its trade. The manufacturing plant is embraced in a large five story building, 100x120 feet in dimensions, which is equipped with the only practical machinery in the world adapted to the economical manufacture of brushes and which is controlled by the company. A 100-horse-power engine operates the machinery and employment is given to 250 work-people. A storage yard for lumber, covering three acres, provide ample facilities in this direction, and every convenience and modern facility is at hand that would, in any way, add to the perfection of the product or facilitate its production. The company manufactures all kinds of brushes and for all purposes, making a specialty of the finer grades and their well-known brand of "The A. B. C." solid back brushes. The bristles used in brush-making are chiefly obtained from hogs in the north of Europe, the larger part coming from Russia, which country also exports the finest grades. The Ames-Bonner Co. are large importers of bristles which they use in the manufacture of many kinds of brushes and they also manufacture cheaper grades in which other materials are employed. In fact, brushes are made from a great variety of materials for widely different purposes, from the stiff wire brushes, for cleaning the surface of metals, to the fine camel's hair brushes, for artists' use. The trade of this house is entirely with jobbers and extends throughout the United States, Canada and Mexico, and is rapidly increasing in volume. The officers of the company are: Joseph C. Bonner, president and treasurer, and Joseph Ames, Jr., secretary and manager.



THE THOMPSON & CHUTE SOAP COMPANY.

Soap Makers, Chemists and Perfumers, 201 to 213 Lucas Street, corner Thirteenth Street.



The Thompson & Chute Soap Co. was incorporated in 1890 and succeeded to the business previously carried on by J. B. Bell & Co. The company's factory is of ample and commodious dimensions, and is comprised in a three story and basement brick building, 50x100 feet in area. It is fully equipped with all the latest improved machinery and appliances known to the trade, of ingenious construction and operated by steam-power, and in every respect the appointments are such as can only be found in an establishment of the most progressive character. Here many varieties of laundry and toilet soaps are manufactured upon fixed scientific principles and with uniformity and care, the boiling all being accomplished by steam. The brands of the company are widely recognized as the best soaps in the market and have become identical with purity and quality. They are attractively packed and most of them in wrappers, and are in demand by the trade and consumers throughout large sections of Ohio, Michigan, Indiana, Illinois, Wisconsin, Pennsylvania, New York and Ontario, Canada, as well as other localities, and wherever introduced they take the lead. Among the chief brands we note "Silver," "Mono," "Sunflower," "Economical," "Hustler" and "Golden" in laundry soaps, and "Myrtle" and "Cocoa Castile" in toilet soaps, which have become particularly famous. The company also makes "Silverine," a scouring and polishing soap which is confidently recommended to the trade and consumers as the best soap of the kind in the market. The company has an established price list to the trade for their soaps, which has been made as low as is compatible with the quality of the goods, and they protect dealers in these prices. The company supplies borax laundry soap chips to the trade for laundry purposes. The officers of the company are Messrs. G. M. Chute, president and general manager, and Charles Hathaway, secretary.

THE SUNDAY CREEK COAL COMPANY.

Miners and Shippers of Sunday Creek Coal. Offices: St. Clair Building.

The Sunday Creek Coal Co. is one of the most important coal mining organizations in the country, and the largest and most important in Ohio. It was founded in 1879, and re-organized Jan. 20, 1885, with a capital stock of \$4,000,000. The company controls over 14,000 acres of coal land and owns 6,000 acres in fee simple. There are seven developed coal mines on the property, of which four are in daily operation and the output is upwards of 600,000 tons annually, to obtain which, employment is given to 800 workmen. The Sunday Creek Coal is renowned for its excellent qualities as a perfect fuel, burning freely, sustaining the processes of combustion in a remarkable manner, thus rendering it economical in use, and as shipped by the company is clean of all foreign substances and is particularly desirable for steam raising purposes. The company, with commendable enterprise, have developed a most important trade for their

product which extends through Ohio, Indiana and Michigan, and by way of the lakes to the northwest, largely to Milwaukee and Duluth, where the company has its own docks, with unsurpassed train shipping facilities in this city. The coal is brought here by train loads over the Ohio Central Railroad, and transferred to vessels for all lake ports. A large trade has also been developed with railroads for locomotive use, no other coal in the market giving so good results. No pains or expense have been spared to perfect the company's facilities and to place them in the lead; a thorough system of organization is noticeable in all departments of the business. The executive officers of the company are Messrs. J. S. Morton, Pres.; G. W. Bright, Vice-Pres.; and J. F. Stone, Auditor, of Columbus, O., where the general offices are located, and Mr. J. E. Martin, Manager, of this city. The latter gentleman was formerly General Manager of the Toledo and Ohio Central Railroad. They are all recognized authorities in the coal trade, are equitable and liberal in their commercial policy, and those in search of the finest bituminous coal mined in Ohio will find it greatly to their advantage to place their orders with The Sunday Creek Coal Co.

WORTS-KIRK-BIGELOW.

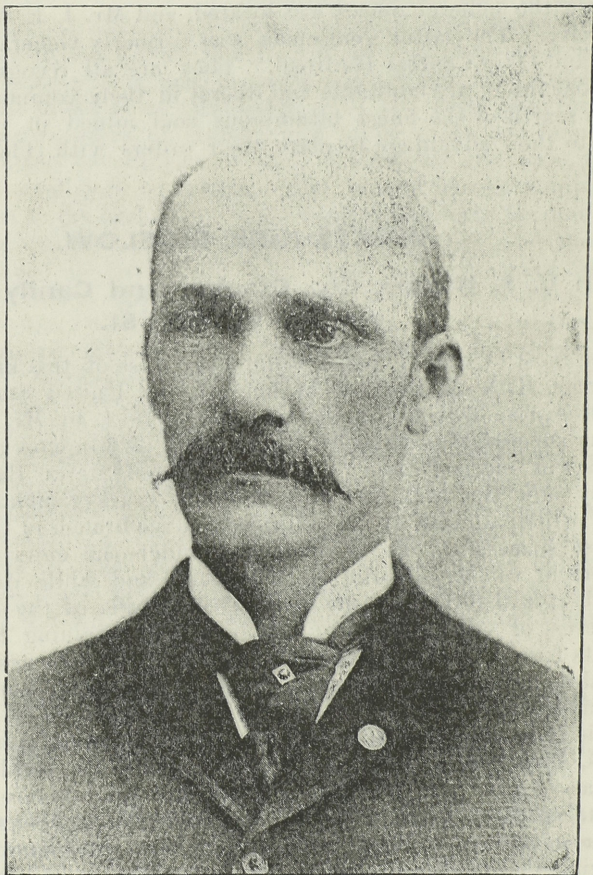
**Branch U. S. Baking Co., Cracker and Candy Manufacturer,
441 St. Clair St.**

The most extensive and leading enterprise of this kind in Toledo is the Worts, Kirk & Bigelow branch of the United States Baking Co. This enterprise was originally founded in 1851, by Mr. George Worts, who was succeeded in 1870 by Worts, Kirk & Bigelow and in 1890 the business was merged into that of the United States Baking Co. This company now operates upwards of thirty cracker manufactories in the various principal cities of the country, and the branch in this city is one of the most successful. It is conducted under the enterprising and able management of Mr. George A. Richmond, and while its title has been changed, it still retains all the distinctive features of the old management, the interest of the members of the old firm remaining the same, and it serves its former as well as its new customers with the same liberality and fair dealing and high class products that made it a favorite in the trade for so many years. The company's plant is embraced in a large building which is fully equipped with all the latest improved machinery and appliances, operated by steam power and furnishing employment to fifty skilled assistants. Here crackers, cakes and biscuits are made from the best obtainable materials after the most scientific processes and with chemical exactitude and uniformity, resulting in a product which is in high favor with the trade and consumers, and which is in large and growing demand throughout Ohio, Indiana and Michigan. Another department of the business is the manufacture of confectionery, for which the company is in possession of the largest and most complete plant in this section of the country. The confectionery made embraces a large line of fine goods in creams, bon-bons, caramels, lozenges, stick candies, etc., all of which are made from the purest raw materials and are not excelled in high quality. The company are also the largest jobbers of nuts and confectioners' supplies in this section. All the goods are attractively packed in cartoons, boxes and barrels and invite the attention of customers by their tasteful appearance as well as high quality.

C. W. MUNSON.

Remington Typewriters, Bicycles and Dental Supplies, 211 and 213 Superior Street.

Combining under one management three widely different classes of specialties, Mr. C. W. Munson has, within the short space of three years, built up a very important and successful trade in each, and which, in dental furniture and supplies, extends generally throughout the country. For the purposes of the business, a large store, 40x120 feet in dimensions, having



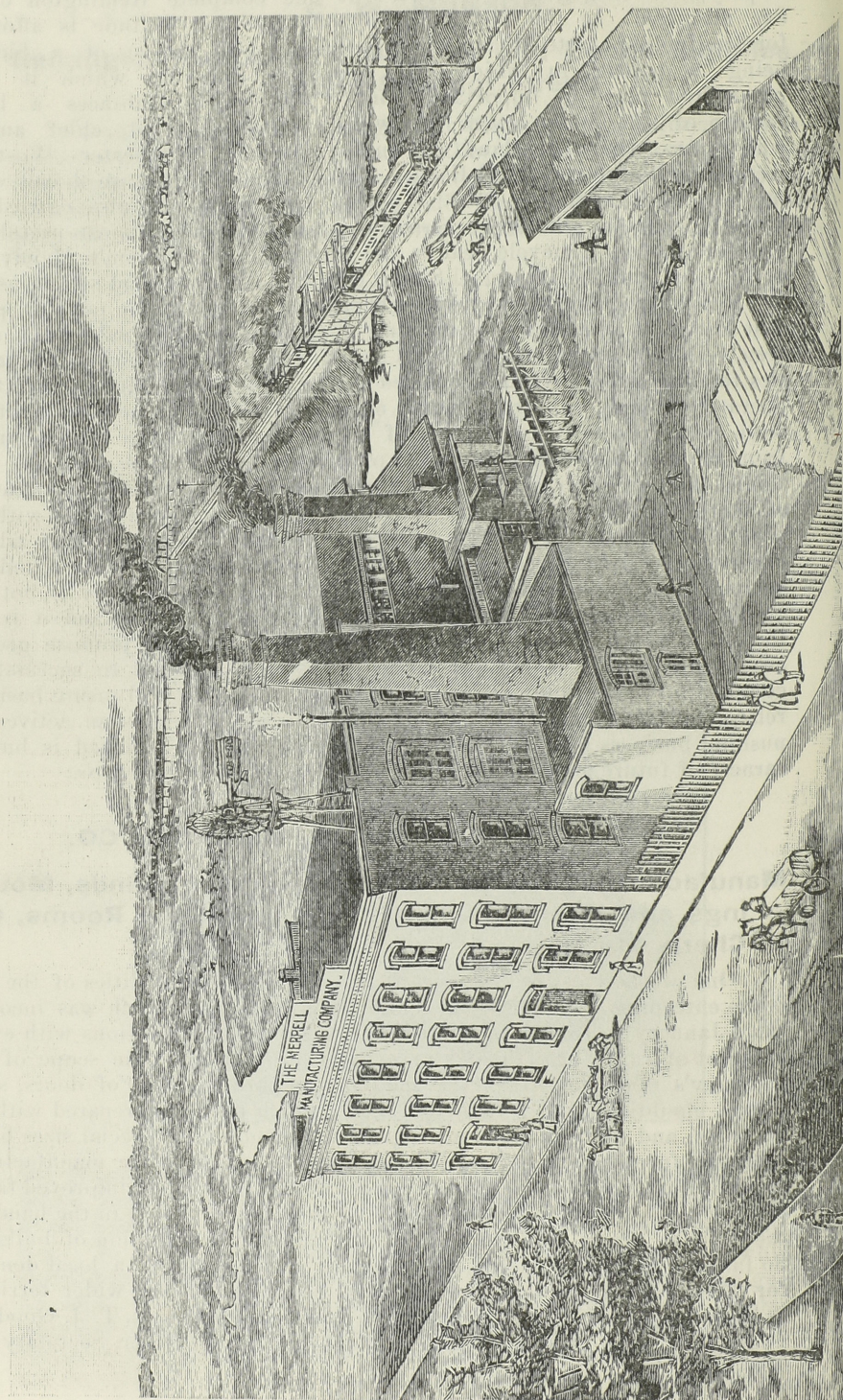
two floors and basement, is occupied. Here is shown a complete stock of dental supplies, bicycles, Remington typewriters, etc., which are offered to the trade and consumers at prices and upon terms that command attention. In selecting a typewriter, the great matter to consider is which machine is the best for all purposes. The verdict of the public has generally accorded that distinction to Remington, which embodies the fundamental principle of a perfect writing machine and embraces patented devices essential to the construction of a successful and practical typewriter. It is the favorite in two hemispheres and the demand for it is so great that 700

employes are engaged in turning out one complete Remington every five minutes. In the bicycle department greater latitude is afforded for individual taste than in typewriters, the choice of a bicycle being a matter in which the particular uses for which it may be desired play an important part. The stock embraces a large variety of the best makes of wheels in the market, chief among which are the Cleveland, Humber, Lovell, Rochester Western, Kenwood, Rudge and Road King. Forty different styles are shown varying in price from \$20 to \$180. In this department are also carried all kinds of cycle supplies and accessories, among which is a most useful device for the use of bicycle dealers and riders, viz.: Munson's Handy Bicycle Stand and the Universal Stand, which is automatic and self-adjusting and is applicable for all makes of wheels, and is sold at a popular price that insures it an annually increasing demand and ready sale when once seen. In the department of dental supplies Mr. Munson enjoys all facilities for supplying anything required by the profession, including furniture, operating chairs, cabinets, dental engines, lathes, foot-powers, artificial teeth, materials and instruments of all kinds, which have been obtained from the most noted manufacturers of America and Europe, and are warranted the best in the market. A specialty of the house is the manufacture of dental furniture to order, for which the house is fully prepared with advanced facilities. To dentists, wherever located, this house offers advantages not easily obtained elsewhere. It has abundant facilities and resources, large and complete stock, and ample experience. It is not too young to be thoroughly posted in all the wants of the trade, and it is not too old to adopt any new and progressive methods that promise greater accommodations to patrons. In fact, it is in a position to successfully compete for trade, and an investigation of its methods will insure business relations. Mr. Munson is in the prime of his usefulness, is an active and pushing business man and the success he has already achieved is but an earnest of future accomplishments in his chosen field of endeavor.

THE GOODSSELL MANUFACTURING CO.

Manufacturers and Dealers in Doors, Sash, Blinds, Mouldings and Window Glass. Office and Store Rooms, 609 Cherry Street.

One of the most recent accessions to the business facilities of the city is the enterprise of The Goodsell Manufacturing Co., which was incorporated January 1, 1892, and immediately commenced operations with every prospect of rapid growth and permanent prosperity. The scope of the company's operations embrace the manufacture and sale of doors, sash, blinds, mouldings and window glass, for which they are prepared with all facilities, and carry in stock all regular sizes and kinds, special sizes being promptly furnished to order. The company's products are manufactured close to the source of the lumber supply with all the latest improved facilities for economical production, enabling them to be placed in the hands of the trade at prices and upon terms that invite the attention of builders. So far, the management has been content with supplying a local demand for their products, which, however, will be extended to a wider territory as time progresses. The officers of the company are Messrs. T. J. Goodsell, President; John Stolberg, Vice-President, and L. O. Baker, Secretary and Treasurer.



THE MERRILL MANUFACTURING COMPANY.

Manufacturers of the Toledo Wind-mill and Hydraulic Regulators, 858 Curtis Street.

The Merrill Manufacturing Co. was incorporated in 1889 and commenced operations in 1891, the intervening time having been spent in perfecting their product, until they could approach the trade and consumers with the just claim that their Toledo Wind-mill was the best pumping mill on earth. The company devotes its energies exclusively to the manufacture of wind-mills and, though so recently in the market with their products, they have attained for the Toledo Wind-mill a most enviable reputation for strength, durability, efficiency and beauty of design and finish not excelled by the oldest of their contemporaries. The facilities of the company embrace a plant of two acres, upon which is erected a three story and basement brick factory, 55x110 feet in dimensions, and other minor structures, ample accommodations being also afforded for storing raw materials. All materials used in the construction of the wind-mills is procured direct from first hands and being manufactured wholly on the premises, thoroughly perfect work is insured and a minimum cost of production secured. The Toledo Wind-mill is guaranteed to be made of the very best materials available, to do good work, pumping in all winds, to be safe and reliable in all storms that do not injure substantial structures in the immediate vicinity. Any breakage caused by defective material within one year from date of sale will be replaced free of charge. The company has put up a large number of their wind-mills throughout the territory east of the Mississippi and they have invariably given the utmost satisfaction. It is an established fact that for pumping water on stock farms, dairy farms, for private water supplies and for fire protection for small towns and villages the work can be done with a wind-mill at a less cost than by any other known system. To those interested, The Merrill Manufacturing Co. offers the best wind-mill on the market; a full descriptive and illustrated treatise on the Toledo Wind-mill being forwarded upon application. Other products are cisterns and tanks for use in connection with wind-mill pumps, and they also supply pumps of all kinds, hydraulic machinery, well supplies, iron pipe and fittings, etc. The enterprise is an important feature of the industrial advance of Toledo, its products are of the highest excellence and efficiency.

L. S. BAUMCARDNER & COMPANY.

Importers and Jobbers of Dry Goods, Notions, Furnishing Goods, Etc., 224 and 226 Summit Street.

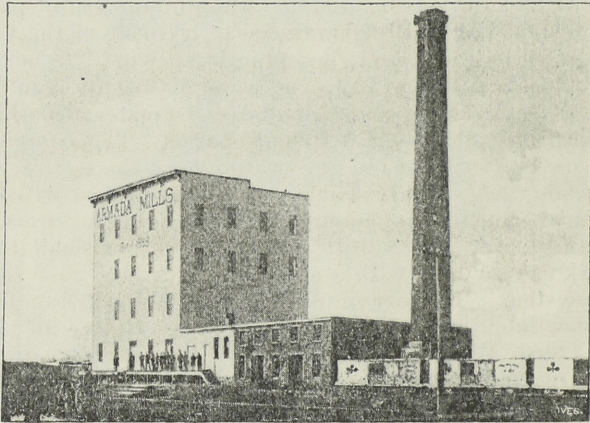
For over a quarter of a century the house of L. S. Baumgardner & Co. has occupied a most prominent position in the commercial advancement of Toledo, and in the extent and character of its business has been an important factor in attracting that large trade which is the pride of the city and the foundation of much of its substantial prosperity. It was founded in 1866 by the senior member of the firm, and in 1880 Mr. E. W. Baumgardner was admitted to partnership. The firm's headquarters are large and commodious and are embraced in a five-story building 35x165 feet in dimensions, which is replete with an immense stock of dry goods, notions, ladies' and gents' furnishing goods, hosiery, gloves, underwear, etc., all of which are procured direct from first hands in large quantities, and are

offered to the trade at prices which command favorable attention. The firm are also exclusive selling agents for the overalls, pants, shirts, etc., made by the Toledo Overall Company. The trade of the house extends throughout Ohio, Indiana, Michigan and Illinois, in which territory they are represented by eight experienced traveling salesmen.

TOLEDO GRAIN & MILLING COMPANY.

Merchant Millers, Armada Mills, Toledo, O.

This company was incorporated in 1889 and commenced operations upon the completion of the mill in 1890. The Armada Mills, as the plant is known, are comprised in a main building, having four floors and a basement, each 50x60 feet in dimensions, with a one story wing 30x50 feet, and an engine and boiler house 40x50 feet. The equipment is the latest improved known to the trade and consists of the roller process system, by means of which the very best flour in the market is produced at the lowest possible cost. The plant is approached by the tracks of the railroad sys-



tem of the city, affording unexcelled facilities for loading and unloading cars at the doors, and every modern idea that is adapted to the economical production or improvement of the product has been secured by the progressive management. The principal brands produced are "Diana," "Pansy," "Clover Leaf," "Armada," "Pure Gold," "Leader" and "Eclipse." Of these, "Diana" is a Spring Wheat Patent and the others are Winter Wheat Patent. The capacity of the mills is upwards of 200 barrels per day and twenty-five tons of feed and meal, and besides a large and growing local trade in Toledo and vicinity, shipments are made to New England, New York, New Jersey, Pennsylvania, Virginia and Maryland. The company also deals in grain to some extent. A reference to the marked success and growing reputation for the best flour that it is possible to produce are pleasing evidence that the milling industry of Toledo is not wholly overshadowed by those representatives located to the west of the Mississippi. The officers of this company and its principal promoters and founders are: Messrs. F. N. Quale, president, W. J. Wood, secretary and treasurer, and D. W. Camp, general manager, all of whom are closely identified with the industrial and commercial progress of this city, and are highly esteemed in the community for their enterprising methods.

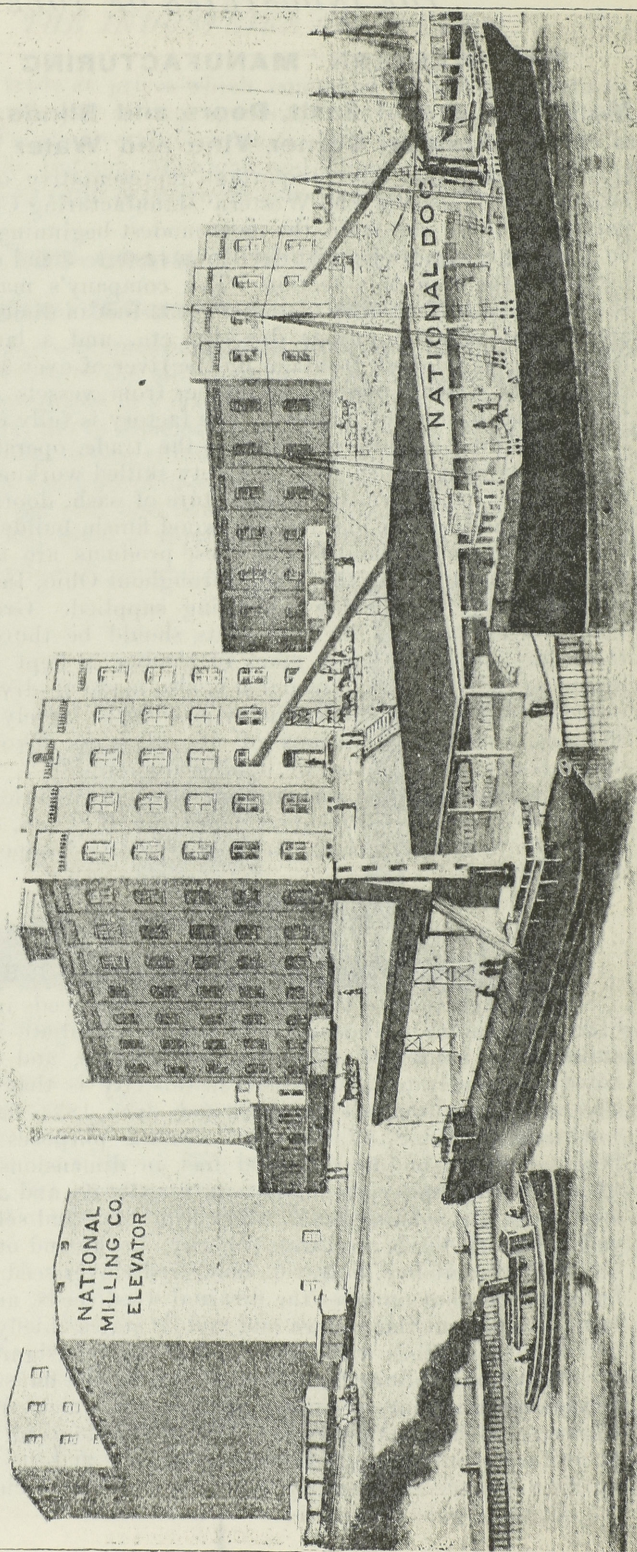
THE WESTERN MANUFACTURING COMPANY.**Manufacturers of Sash, Doors and Blinds, and Dealers in Lumber, Corner Vine and Water Streets.**

A leading and most important representative of the great lumber interests of Toledo is The Western Manufacturing Co., which was incorporated in 1870, and from the most modest beginning has since grown to be a power in the trade, with facilities, resources and connections exceeded by none others in this section. The company's manufacturing plant is comprised in a three-story factory 80x132 feet in dimensions, besides which are several minor buildings, dry kiln, etc., and a large storage yard for lumber, having a dock frontage on the river of over 300 feet, enabling the company to unload cargoes of lumber from vessels arriving direct from the original sources of supply. The factory is fully equipped with all the latest improved machinery known to the trade, operated by steam power, and employment is furnished to ninety skilled workmen. The business of the company embraces the manufacture of sash, doors, blinds, mouldings, and hard and soft wood interior wood finish, builders' wood trimmings, etc., and immense quantities of these products are turned out annually, which are shipped to the trade throughout Ohio, Indiana and Kentucky chiefly, a large local trade also being supplied. Great care is exercised that all wood used in their products should be thoroughly seasoned, and to accomplish this a large stock of lumber is kept on hand so as to be maturing, besides which recourse is also made of dry-kilns, which greatly expedites matters. The company also deals largely in lumber, lath and shingles, and the operations of the business involve the handling of upwards of 5,000,000 feet of lumber annually.

The officers of the company are Messrs. Frederick Schultz, President; Frederick Puck, Vice-President, and John H. Puck, Secretary and Treasurer, who, together with E. H. Sieving and C. Nopper, form the Board of Directors.

S. W. FLOWER & CO.,**Commission and Seed Merchants, 325 Water Street.**

The magnitude of the trade in field grass seeds in this country is but little appreciated by those outside of the immediate industry. Toledo is an important source of supply for these staples, and the oldest house devoted exclusively to this business in this city is that of S. W. Flower & Co., which was founded in 1868, and since 1874 has been continuously conducted by Mr. S. W. Flower. For the purposes of the business, the firm occupies a building 48x100 feet in dimensions, having four floors, which afford ample accommodations for storage and are also supplied with appliances for cleaning seeds. The firm buys and sells at wholesale only and handle all kinds of clover, timothy, alsike and other field grass seeds, the chief commodity, however, being red clover seed. This is recleaned by a process that removes the dirt and weed seeds, and is supplied to the trade throughout the eastern and middle states chiefly. The firm also buys and sells grass seeds without recleaning and consignments in any quantity are at all times solicited, the connections of the house being such that the largest shipments are promptly handled and quick returns insured. Mr. Flower also handles grain, feed and dressed hogs on commission. In all respects this enterprise is a substantial one and its honorable record of nearly a quarter of a century is proof of its useful character.



PLANT OF THE NATIONAL MILLING COMPANY

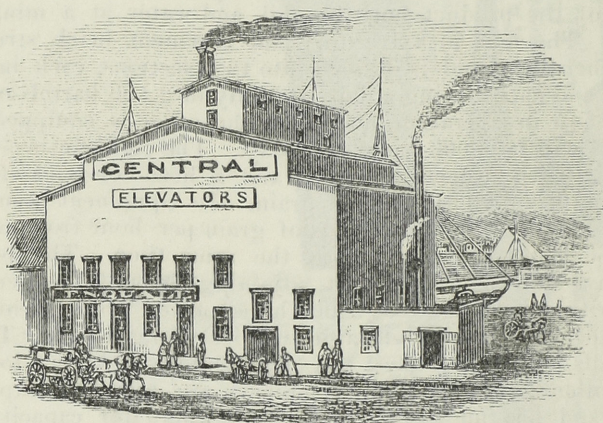
NATIONAL MILLING COMPANY.**Office: 48 Produce Exchange.**

Toledo has good reason to be proud of being the seat of operations and headquarters of the largest, most complete and best equipped winter wheat milling plant in the world, a distinction that has been made possible by the establishment here January 1, 1892, of the National Milling Company's plant, which was erected in 1890 and 1891, and is located on the east bank of the Maumee river, having a dock frontage of 300 feet where the largest lake steamers land and discharge their cargoes. Numerous side tracks also connect the elevator and mills with the railroad system of the city, thus affording all modern facilities for the receipt of grain and the shipment of the product both by rail and water at a minimum cost of handling. The mill is a five-story and basement brick structure 82x116 feet in dimensions, and is divided into two sections, each independent of the other, and each having a daily capacity of 2,500 barrels of flour. One section is now in operation, and when the other is equipped the capacity of the mill will be 5,000 barrels per day. The elevator is 50x100 feet in dimensions, with 80 feet of storage and a head-house 113 feet high, and its capacity is 250,000 bushels of grain. Its equipment is such that it can unload and receive 10,000 bushels of grain per hour from cars and 5,000 bushels per hour from vessels, at the same time. The power plant is located in a building 75x100 feet, adjoining the mill, and embraces three engines with an aggregate of 1,000 horse power, which furnish the motive force to operate the mills, elevator and electric light plant. The equipment of the mills is the very latest and most improved known to the trade, is the full roller system, and the machinery was all made expressly for the company and has no equal here or elsewhere for capacity or superior quality. The buildings are fully protected against fire both in their construction and by Grinnell's system of automatic sprinklers, and every modern and progressive idea has been adopted in the erection of the buildings, the equipment and the management, that promised to secure high quality of product with economy of production. The accompanying engraving showing the company's plant in perspective will prove of interest to the reader and the trade, as showing the marked advantages of location and surroundings far better than a mere description. The company manufacture high grades of winter wheat flour, and their products find a market chiefly in Europe, where the brands have already an established reputation for superiority. The enormous quantities of flour manufactured necessarily demands proportionately great quantities of wheat to supply the mill; the company is therefore always in the market for good milling wheat, and wheat shippers wheresoever located will find it to their advantage to open correspondence with the company. The management of the business is in the able and experienced hands of Messrs. C. L. Cutter, Secretary, and Albert B. Cutter, Treasurer, who give all the details of the industry their close personal attention, and are to be congratulated upon the success already developed in this latest and most important contribution to the milling interests of Ohio. In view of the magnitude of its operations, the completeness of its facilities and the enterprise of its management, the National Milling Co. may be said to contribute in a marked degree to the industrial progress of Toledo and at the same time is establishing for itself a leading position among the most noted and prominent milling enterprises in the United States.

F. N. QUALE.

Wholesale Dealer in Grain, Flour, Feed, Etc., and Proprietor of Central Elevator, Water Street.

Toledo, by reason of its natural and acquired advantages for the receipt and shipment of grain, either by canal, rail or lake, affords a most favorable market for cereals. Among the facilities for handling grain in Toledo is the Central Elevator, of which Mr. F. N. Quale is proprietor. This elevator has a storage capacity of 200,000 bushels, and its location is such that receipts by canal and rail are promptly handled and shipped by rail and lake to eastern markets. Mr. Quale is also a wholesale dealer in



flour, grain, feed, etc., and is a large shipper of these products. In grain, corn, wheat, rye and oats are handled and consignments from all the producing sections of the country are solicited. Mr. Quale is a gentleman of wide experience in the business and broad-gauge ideas. He commenced operations here in 1880, at which time he was proprietor of the Armada Mills, one of the oldest and most widely known flouring mills of this section, and he is now president of The Toledo Grain and Milling Co. He is a practical miller and therefore eminently capable as a dealer in mill products, and his present enterprise has met with the success it so fully merits as one of the most important factors of Toledo's commerce.

THE PHENIX COAL COMPANY.

Miners and Shippers of Sunday Creek Coal. Office: Bee Building, St. Clair Street.

It is to the cheapness and quality of coal that the manufacturing and transportation interests of the country are most largely indebted for their advance and prosperity, and now that the days of natural gas for manufacturing purposes are practically numbered, coal is of greater importance than ever before. An important enterprise in this direction is the Phenix Coal Co., which, incorporated in April, 1891, has accomplished great results already, both as regards its facilities for furnishing the highest

grades of coal, and the favorable terms upon which it is supplied to consumers. The company has developed a trade extending throughout Ohio, Indiana, Michigan, Canada and the Northwest which is rapidly increasing and gives every promise of long continuance. The company's mines are located on the Toledo & Ohio Central and Columbus, Shawnee & Hocking Railways, at Jacksonville, Oakdale and Corning. They are provided with a modern equipment, including late improved machinery, and have a daily capacity of 5,000 tons at present, furnishing employment to about 500 operatives. Their veins of coal are of profitable thickness and the product is a splendid quality of rich bituminous coal which is unsurpassed for steam-raising purposes, and is in large demand by manufacturers and railroad companies. The facilities of the company for placing the product on the market are particularly favorable. They are owners of a large number of cars, and shipments in box-cars are a specialty. The coal is brought to Toledo by rail and shipped in vessels to lake ports in the Northwest to large extent. The company are also general agents for the sale of Laurel Hill Coal and Coke. There is no doubt that the influence the valuable beds of mineral wealth controlled by The Phenix Coal Co. are destined to advance in prominence among the most celebrated in Ohio, and contribute greatly to the industrial supremacy of the Northwest. The officers of the company are Messrs G. G. Hadley, president and manager; W. P. Rend, vice-president; C. F. Reals, secretary, and C. E. VanDeusen, treasurer, all progressive business men and closely identified with industrial growth of Toledo. The prosperity of this company is intimately associated with those who depend upon it for the enhancement of their interests, and the community at large has the greatest stake in its success and well-being.

F. HUBBARD & CO.

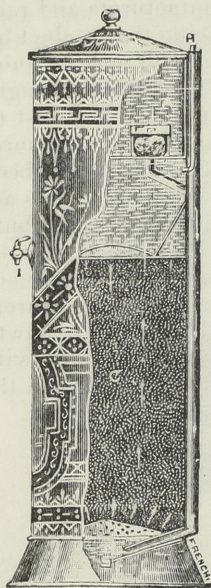
Leather and Findings, 124 Summit Street.

The trade in leather and shoe findings is one of the most important American industries, occupying the attention of many extensive houses and employing large resources. The most prominent representative of this industry in Toledo is the enterprise of Messrs. F. Hubbard & Co., which is also one of the oldest business houses in the city, having been originally established nearly half a century ago, the present proprietor, Mr. F. Hubbard, having been at the head of its affairs continuously since 1866. The premises utilized for the business are commodious and well adapted for prompt fulfillment of orders, and consist of a three-story and basement building, 20x125 feet in dimensions. Here may be found at all times a large and comprehensive stock of leather and shoe findings, embracing the best products of foreign and domestic tanneries, and all the miscellaneous articles, tools and materials required by the shoe-maker and harness-maker in the pursuit of their indispensable avocations. The trade of the house is a large one and extends throughout Ohio, Indiana and Michigan, and no house in the trade, here or elsewhere, has greater inducements and advantages to confer upon buyers located in the territory above named. Mr. Hubbard is well and favorably known to the trade and has a practical knowledge of the wants of the trade, to which he is prompt in affording the most advanced facilities and accommodations. He is also treasurer of the American Hand Sewed Shoe company.

THE STEVENS FILTER COMPANY.

Self-Cleansing Water Filters, 322 and 324 Water Street.

It is now removed beyond peradventure of doubt that very many of the diseases of man are the result of using impure water for drinking purposes, and yet it is curious to observe the indifference of many who, without a thought of the consequences, daily and hourly absorb poison into their systems, when, with but little expense, and scarcely any trouble, they could free the water they drink from all deleterious organic and poisonous matter.

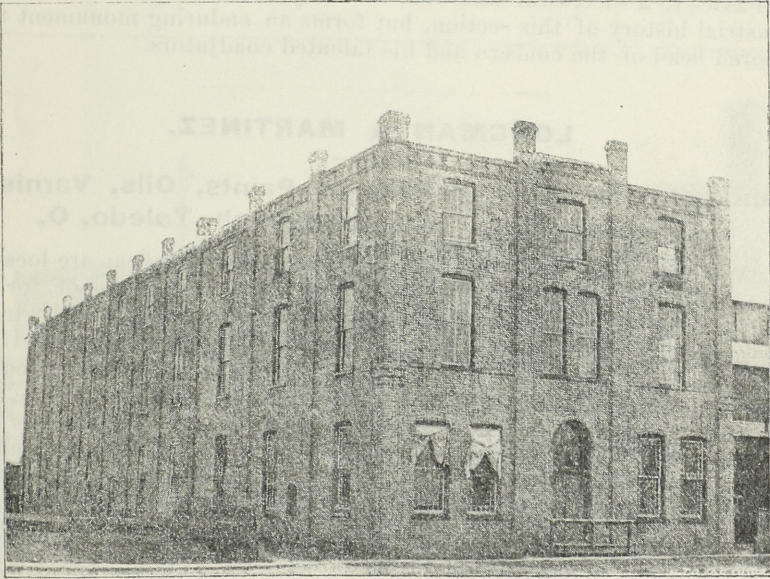


The Stevens Filter Co. of this city are manufacturing filters which entirely perform all that is claimed for them, and that, briefly, is the absolute purification of water from every particle of foreign matter, no matter how minute it may be, rendering the most turbid waters as clear and healthful as the purest mountain spring. By the use of these filters the public is exempted from drinking muddy, polluted or impure water, and thus all risk from this source of contracting typhoid fever, diphtheria, dysentery and other zymotic diseases is entirely obviated. From the faucet of the Stevens' Self-cleansing Filter flows forth a stream of pure, sparkling water, free from all germs of disease and all organic matter. The principle upon which these filters are made is different from all others, and, while the mechanical construction is one of the utmost simplicity, no other system of filtration gives the same degree of efficient work at the small expense and little care that these filters afford the user. The system of filtration consists in the upward passage of the water through firmly packed calcined beech and hard maple coal, the greater part of the suspended impurities having been arrested before reaching the filtering material,

by a sponge at the top of the filter and in a sediment chamber at the bottom of the filter, leaving little sediment to be deposited at the bottom of the packing. A plug at the bottom of the filter may be opened, when the current of pure water is reversed, thus thoroughly cleansing the sediment chamber and bottom of the packing. These filters are made in three styles, and each style in several sizes, and they are very attractive and handsome in appearance. They have a reservoir capacity, according to size, of from 4 to 24 gallons, and are designed for domestic use, hotels, sanitariums, business houses, and all places where it is desirable to supply water for drinking purposes. The clay-ridden waters of Western and Southern rivers are purified as effectually as any other water, and the self-cleansing feature of these filters renders them particularly adapted for this purpose, and insures their durability. The Stevens Filters have received the indorsements of scientists, physicians and others all over the country, and there can be no question of their superior character over all others in the market. The company issues a neat little illustrated pamphlet which fully explains the merits of their filters, and also contains a few of the many commendatory letters they have received from parties using them. The filters are all manufactured in Toledo, where the company has a fully equipped plant and all facilities for supplying a large demand. The company was incorporated in 1879, its present officers being Messrs. A. R. Champney, president, and J. W. Callard, secretary and treasurer.

TUBULAR AXLE COMPANY.**Albion Street, Toledo, O.**

The Tubular Axle Company of this city was established in 1869 by George Milburn, who was the pioneer in the manufacture of tubular axles. In 1891 the company was incorporated, the following well-known and substantial business men being at the head of its affairs: Charles Milburn, President; J. K. Milburn, Vice-President; George Edward Byrket, Secretary, and J. W. Murray, Treasurer. The company's plant is located west of the city, on the line of the Michigan Central railroad, which affords the most advanced facilities for the receipt of raw materials and the shipment of the finished products. The works are comprised in a three-story main building, fully equipped with special machinery made



after the company's own patented patterns, under their personal supervision, and is operated by a 100-horse power steam engine, employment being given to about thirty skilled workmen. The products embrace tubular or hollow steel axles, in all sizes and styles required by the trade, special sizes and kinds being promptly made to order. The company's new self-oiling steel tubular axle is far superior to anything heretofore offered the trade. It will lubricate 50 per cent. longer than any now in use and is made of the strongest steel tubing of special weight and quality. All the axles manufactured by the company are warranted, and they replace any damage of breakage caused by poor material or workmanship. The company produce, without extra cost, steel tubular axles with polished and hardened spindles and ground boxes, a fact that is widely appreciated by the trade, and as they cheerfully fill an order for one set with as much promptness as for a larger number, wagon makers find the concern a most advantageous one with which to enter into business relations. Another specialty of the company is the manufacture of the Never Fail Whiffletree and Neck Yoke.

These appliances are stronger, more durable, lighter and neater than any others now made, and are beyond question the best on the market. Wherever introduced and tried wooden goods are rarely called for. They are made of steel tubes manufactured expressly for the purpose, and are strengthened by steel truss rods. The manner of construction makes it impossible for the end and middle clips to come off, and the shape of hooks and rings and the bearings on which they rest produces the least possible friction, consequently least wear at the vital points. The trade of the house is with wagon makers chiefly, and extends throughout all parts of the United States and Canada, and is annually increasing in volume. The iron age has rapidly become that of steel, material and scientific progress of the most brilliant nature has characterized the operations of the American steel industry, and taking advantage of this progress the Tubular Axle Co. of this city has developed the production of tubular steel axles to a successful issue that not only sheds a lustre of fame on the industrial history of this section, but forms an enduring monument to the honored head of the concern and his talented coadjutors.

LONCMAN & MARTINEZ.

Manufacturers and Exporters of Paints, Oils, Varnishes, Etc., New York. Western Branch, Toledo, O.

While the main headquarters of the above-named firm are located in New York City, the Western Branch and distributing depot for their unrivaled products is located in this city, and the large and annually increasing trade of this branch throughout Ohio, Indiana, Michigan and Illinois, which has been built up since its establishment here in 1885, under the experienced management of Mr. W. L. Sizer, renders the enterprise an important feature of Toledo's commercial development. This firm is probably the largest manufacturers and exporters of pure prepared paints, fine colors, oils and varnishes in the United States, and regular shipments are made to the West Indies, Mexico, South America, Central America and other foreign lands. The trade of the firm is also of great magnitude, and their products are to be found in the hands of dealers in nearly every town, village and hamlet in this country from ocean to ocean. For the accommodation of the trade and the prompt fulfillment of orders the western and southern depots were established, the latter being located at Mossy Creek, East Tennessee, it also being under the management of Dr. W. L. Sizer, who was at one time a member of the firm, having withdrawn to take charge of the business of the house in the territory indicated. He is a thoroughly posted paint expert and has had an experience of over thirty years in the manufacture and sale of prepared paints. The house manufactures paints for all purposes and of all grades from the cheaper qualities suitable for bridges and roofs, to the finest colors for artists' uses. Their prepared paints for house painting are sold under a guarantee, and any building painted with paints which does not give satisfaction will be repainted by the firm free of expense and with such paint as the owner himself may select. The firm stands ready to compete with any other concern in the country, and being in possession of long and varied experience, ample resources, unsurpassed facilities and a most extensive trade, they are enable to offer dealers advantages and inducements simply impossible to be duplicated elsewhere.

WILLIAM PETER.**Manufacturer and Dealer in Lumber. Office: 197 S. St. Clair.**

The most extensive manufacturer of lumber products and dealer in lumber in Toledo is Mr. William Peter, who as a manufacturer of lumber in Michigan places the customer for his manufactured products nearer to the source of supply than is usual in such cases. Mr. Peter began the manufacture of pine lumber at Columbiaville, Mich., in 1851, and from that date to the present time lumber and lumber products have been the work of his life. Though he may still be said to be in the prime of his usefulness, he has built up a great and prosperous business from the smallest beginnings to its present extended proportions by the constant exercise of enterprising and progressive methods and untiring industry. In 1869 he established his business in Toledo, and in addition to this, a few years ago he purchased the Union Manufacturing Co.'s works, an account of



which will be found elsewhere in this volume. His two enterprises in this city fully entitle him to be named as the most extensive handler of lumber in the city. The facilities of the business embrace a series of large buildings used for manufacturing sash, doors, blinds, mouldings and builders' interior finish, and large yards for storage. The equipment is of the most modern and complete character and is operated by steam power, and employment is given to 150 workmen. The products are distributed throughout Ohio, Indiana, Pennsylvania, Kentucky and Michigan chiefly, and the trade is annually increasing in volume. All lumber is procured direct from the forests, and every facility is at hand for economical production, the long experience of the proprietor in the business, his ample resources and unsurpassed equipment combining to give the house advantages which are promptly shared with customers. Mr. Peter, by untiring energy and straightforwardness, has achieved a reputation in the trade that we shall not presume to criticize, and he is fully deserving of the success he has attained.

H. D. WOOD & CO.**Wholesale Grocers, 215 and 217 Superior Street.**

Representative among the largest establishments of Toledo is the wholesale grocery house of H. D. Wood & Co., which is also one of the oldest, having been originally founded in 1862. The present firm succeeded to the business in May, 1890. The headquarters of the business are embraced in a four-story and basement warehouse, 35x120 feet in dimensions, which are furnished throughout in a complete manner with elevator and all other modern conveniences for the prompt fulfillment of orders. The firm here carries an immense stock of staple and fancy groceries, tobaccos and cigars, including the choicest and freshest goods. They take special pains

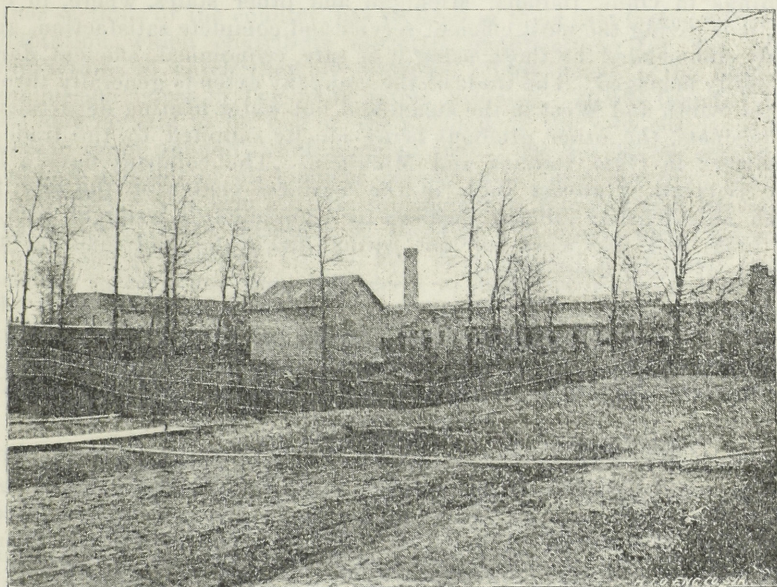


to select only such goods as have been packed with great care by leading and responsible manufacturers, and in all departments they challenge comparison both as to quality and price. Coffees and teas are given a prominence in the stock, and the firm holds a front rank in supplying these staples. The trade of the house extends throughout Ohio, Indiana and Michigan, and six traveling salesmen represent the firm in this territory. In all the departments of their business the facilities of the firm are unsurpassed by those of their cotemporaries, and procuring all their goods direct from the original sources of supply, they are enabled to offer customers advantages difficult to obtain elsewhere. In conclusion we may say that the energy and enterprise shown in the conduct of the business of this house has resulted in a well-merited and substantial success.

SHAW, KENDALL & COMPANY.

**Manufacturers of Steam and Hot Water Heating Apparatus,
Etc. Office, 1 to 7 St. Clair St. Works, Auburndale.**

One of the most prominent manufacturing enterprises in Toledo, both as regards the special excellence of the products and the extensive character of the business, is that of Shaw, Kendall & Co., which was originally founded in 1865, the present firm style being adopted in 1872, and the company being incorporated in 1892. The manufacturing plant is located at Auburndale, just beyond the city limits and adjoining the tracks of the M. C. R. R. It covers an area of four acres upon which a series of modern manufacturing buildings have been erected provided with all the latest improved machinery and appliances necessary for the work in hand, operated by steam power and furnishing employment to 125 skilled workmen.



The main buildings are the machine and blacksmith shops 50x250 feet in dimensions, the foundry 80x200 feet, the pattern shop 40x60 feet and the storage warehouse 50x200 feet, the whole forming a plant complete in all its details and enjoying every facility that would conduce to economy of production and systematic and orderly conduct of the business. Side tracks entering the premises afford the most advanced receiving and shipping facilities, and ample resources and experienced management place the concern on a par with any in the country. The company have here combined the manufacture of a number of important specialties, notably grey iron castings for manufacturers, oil well engines and drilling tools, steam and natural gas fittings and steam and hot water heating apparatus for all kinds of buildings, and in each department only goods of the highest character are turned out. The steam and hot water heating apparatus manufactured by the company embodies in its construction all the latest improvements known to the trade, together with special features of its

own, and either may be regarded as the acme of perfection in its service to produce heat and ventilation in all kinds of buildings. The apparatus is designed and adapted for warming and ventilating factories, schools, hotels, churches, public buildings and private residences with the greatest possible economy of coal and with ease of management. The steam heating apparatus is what is known as low pressure steam heating, is free from danger of explosion, and the heat obtained is uniform in temperature and easily regulated. The hot water heating apparatus embodies simple and economical principles of circulation to an eminent degree and is a triumph of mechanical construction and application. The company will make plans, specifications and estimates for the installation of their heating systems upon receipt of dimensions of building desired to be warmed. The company's steam heating apparatus has been placed in the Toledo Asylum for the Insane, the Northern Ohio Asylum for the Insane at Cleveland, the State Capitol at Atlanta, Ga., and a large number of other public buildings in Ohio, Indiana, Michigan and other states, where, in every case, it is giving the most efficient service and complete satisfaction, and is highly commended by those using it as safe, economical, efficient, durable and easily managed. The trade of the company extends generally throughout the South and West in the steam and hot water heating department of the business, the other products being chiefly supplied to the trade and consumers in Ohio, Indiana and Michigan. The company have a large store 100x120, 4 stories high, in the business center of the city, from which an extensive jobbing business is transacted in wrought iron pipe and brass and iron work for gas, steam and water and manufacturers' supplies of every description.

DEWEY, RODGERS & CO.

Wholesale Dealers in Boots and Shoes, 213 and 215 St. Clair Street.

The largest wholesale boot and shoe house in Toledo, and one of the most prominent in Ohio, is that of Messrs. Dewey, Rodgers & Co., which was established in 1857 by Bond and Messenger, the present firm succeeding Taylor, Rodgers & Co. in 1885. The headquarters of the firm are large and commodious and consist of five floors and basement, each 56x120 feet in dimensions, which afford ample accommodation for a stock of goods which, both in extent, variety and high quality, is not to be duplicated in this section. The goods embrace boots, shoes and rubbers of all kinds suitable for the trade in this and western markets, and for men, women, misses, youths, boys and children, many of the styles being peculiar to this house, manufactured expressly for them and not obtainable elsewhere. The firm procure all the goods direct from the most noted manufacturers of the country in large quantities, and the extent of their operations and large resources enable them to obtain their goods upon such advantageous terms that they can offer the retail buyers inducements both in quality and prices that cannot be obtained from smaller or less favored houses. The trade of the house extends throughout Ohio, Indiana, Michigan, Missouri, Illinois, Iowa and Kansas, in which territory they are represented by a corps of experienced traveling salesmen. The business connections of this old and substantial house have grown up from a widely diffused knowledge of the excellence of its output and of its fair and liberal business policy, and each year adds to the scope of the operations and volume of its trade.

The members of the firm are Messrs. Fitch Dewey and James S. Rodgers, who are among the most substantial and progressive business men of Toledo, and closely identified with the commercial advance of the city, promoting its supremacy with activity, discrimination and success. The house is a prominent factor of the city's growth as a source of supply for first-class manufactured goods, and fully merits its prosperity and honorable distinction.

C. A. KING & COMPANY.

Grain Commission Merchants and Proprietors King's Canal Elevators and Warehouse, Cor. Water and Madison Sts.

A leading house in the grain trade of Toledo is that of Messrs. C. A. King & Co., which is composed of Messrs. Charles A. and Frank I. King, gentlemen whose long association with the business interests of this and other sections of the country, has secured to them that large experience and adaptation which contribute essential qualifications for the extensive transactions in which they are engaged. This house is the oldest grain commission house in Toledo in active business. It was founded in 1846 and may be said to be one of the pioneers of the now enormous transactions in grain annually consummated here. Its operations consist of the purchase and sale of all kinds of cereals in the principal grain markets of the country. The firm are also proprietors of King's Canal Elevators and Warehouses. Both members of the firm are closely identified with the growth and progress of Toledo, and have, through a long and successful business career, done their full share to foster the prosperity of the city. Mr. C. A. King is president of the Toledo Public Library, in which educational institution he has ever taken the liveliest interest, and Mr. Frank I. King now occupies the honorable post of president of the Produce Exchange.

E. P. BRECKENRIDGE & COMPANY.

Manufacturers of Tin Cans, Toledo, O.

Few people outside of those directly interested in the trade have any conception of the enormous number of tin cans that is required to supply the manufacturers of the many specialties using them. A vast industry is devoted to their production, and a leading and prominent factor in the trade in this city is the factory of Messrs. E. P. Breckenridge & Co. This enterprise was founded in 1868 by Messrs. Norton Bros., the present proprietor, Mr. E. P. Breckenridge, having succeeded to the business in 1878, the "Co." being nominal only. The plant is embraced in a four-story and basement building 75x128 feet in dimensions. It is fully equipped with automatic machinery of the latest improved character, is operated by steam power and furnishes employment to one hundred and fifty hands. The products consist of plain tin and japanned cans for manufacturers, grocers' caddies, baking powder cans, fruit cans, paint cans and pails, spice cans, lard pails, etc. These are turned out in almost unlimited quantities, the output being upwards of 15,000,000 annually, which are shipped to the trade throughout the central and western States. Mr. Breckenridge is closely identified with the industrial progress of Toledo, of which his enterprise is a prominent factor, and he is also president of the Toledo Machine & Tool Company.

COULET & COMPANY.

**Manufacturers of Sash, Doors, Blinds and Mouldings, and
Dealers in Lumber, 125 St. Clair Street.**

A leading concern in the lumber trade is that of Messrs. Goulet & Co., of which Mr. Edward G. Goulet is the active business manager. This house was established in 1873, and it now transacts a very extensive business, which is chiefly confined to Toledo and neighboring territory. The factory and yard cover a considerable area, and being located on Swan creek, are so situated that vessels unload lumber direct from the original sources of supply without re-handling. The planing mill and factory is fully equipped with steam power and all necessary wood-working machinery for the economical production of sash, doors, blinds, mouldings and interior house finish, and in this department a large business is transacted with builders, all orders being promptly filled and with first-class products at fair and reasonable prices. The firm also deals in all kinds of building lumber, lath and shingles, and with ample facilities and resources and procuring stock in large quantities, the greatest inducements are offered the trade. Employment is furnished to about fifty workmen, and a number of teams are utilized in making deliveries. Mr. Goulet is an experienced and practical manufacturer and a liberal and progressive business man.

THE HENRY PHILIPPS SEED AND IMPLEMENT CO.

**Dealers in Seeds, Agricultural Implements, Carriages, etc.,
115 and 117 St. Clair Street.**

This enterprise, which is now one of the most important of the kind in Ohio, is the oldest one in Toledo, having been originally instituted in 1852 by Mr. Henry Philipps, who is one of the pioneers of Toledo's present commercial supremacy. On February 1, 1888, the present company was incorporated, with Mr. Henry Philipps, Sr., president, Henry Philipps, Jr., secretary and W. T. Philipps, vice president, and two other sons as directors; thus retaining the entire stock and management of the business in the hands of the founder and his sons, all of whom may be said to have been brought up to the business and are thoroughly familiar with all its operations and details. The facilities of the company embrace a large four story and basement double store and warehouse, the whole of which is occupied for the business, and storage outside is also used as the exigencies of the business require. Here is displayed the largest and most completely assorted stock of farm and garden seeds to be found in this section and it also covers the entire field of agricultural and horticultural implements, tools and machinery, fertilizers of all kinds, feed and grist mills, wood pumps, and, in fact, everything useful or necessary on or about a farm, as well as many articles for city folks. The stock of agricultural implements comprises the most improved and those best adapted for the farmer and gardener, which the long experience of the management enables them to select with the best judgment. The company has the exclusive agency in this city for many of the principal manufacturers of agricultural machinery whose productions have no equals anywhere. In the farm and garden seed department, which has always been a most important one with the house, no pains are spared that will tend to secure the highest standard

of excellence as to purity, quality and germinating powers. The stock includes wheat, corn, barley, oats, potatoes, all varieties of clover seeds, timothy, blue grass, orchard grass, red top, mixed lawn grass, millet and bird seeds. They are large purchasers of clover seed, paying the highest market prices and solicit consignments from growers. They also carry a large and complete stock of carriages, surreys, phaetons, business wagons and pleasure wagons, buckboards, carts, etc., and farm wagons, which are procured direct from manufacturers and are sold at manufacturers' prices. Sleighs, cutters and robes are also carried in the season, and all goods are offered to the trade and consumers at prices that command attention. Mr. Henry Philipps, Sr., the founder of this enterprise, is still at the head of its affairs and the same fair and liberal business policy that has made the house a favorite in the past is maintained by the company as at present organized.

RANSOM & RANDOLPH.

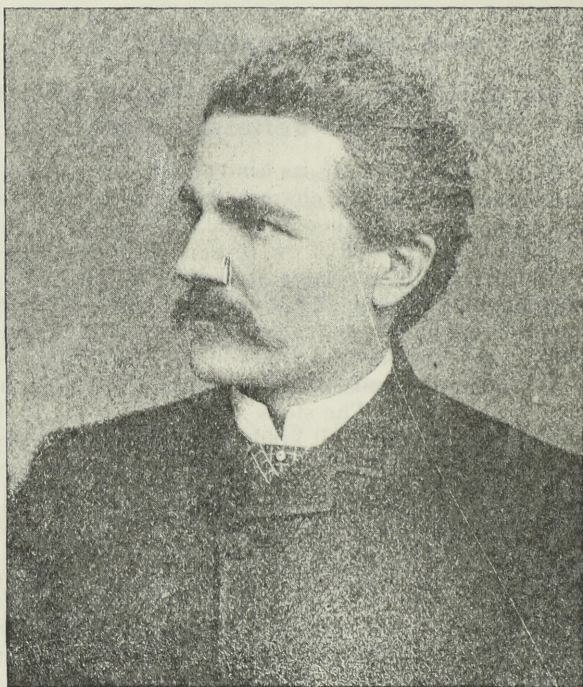
Dental and Surgical Instrument Depot and Barbers' Supplies, 513 Jefferson Street.

This house is the largest of its kind in Northern Ohio and the only one in Toledo combining all the characteristics mentioned above. This enterprise, too, is one of established record, having been founded in 1873 by Mr. J. R. B. Ransom. In 1876 the present firm was organized by the founder and T. F. Randolph and later Messrs E. R. Ransom and Chauncey S. Bigelow were admitted as partners, the firm title remaining the same. The firm occupy commodious premises consisting of a three-story and basement building 20x110 feet in dimensions, the first floor being devoted to the offices and salesroom and the remaining floors to the manufacturing department and for storage. The stock embraces a general line of dental supplies from artificial teeth of all kinds to the most elaborately finished and improved dental chairs, and includes all instruments required by the profession, tools for the manufacture of teeth, electric motors, flexible shafts, etc., also all kinds of instruments for the use of surgeons, veterinary surgeons, hospitals and infirmaries, and in this line the goods shown both in quality and extent are the most complete to be found anywhere. Another department is that of barbers' supplies, which is equally exhaustive and embraces every article required for the complete furnishing of a barber shop ready for business. The firm manufacture barbers' chairs and furniture of superior design, and they have fitted up, complete, some of the most elegant tonsorial parlors to be found in the Middle and Central Western States. While in a general way their goods go to all parts of the country, their chief trade may be said to be judiciously confined to Ohio, Michigan, Indiana, New York and Pennsylvania, in which territory they are widely recognized as a leading representative of their trade. The business has steadily grown from being a side issue and one of the departments of a local retail drug business, until it is now one of the largest houses west of New York, and rivaled by few even there. The firm are also publishers of the *Ohio Journal of Dental Science*, which is one of the most valuable contributions to the scientific literature of the day, and a recognized authority by dentists in all sections of the country. It is profusely illustrated, is printed in the highest style of the art, and contains valuable papers and contributions from the most prominent exponents of dental surgery of the age.

R. A. BARTLEY.

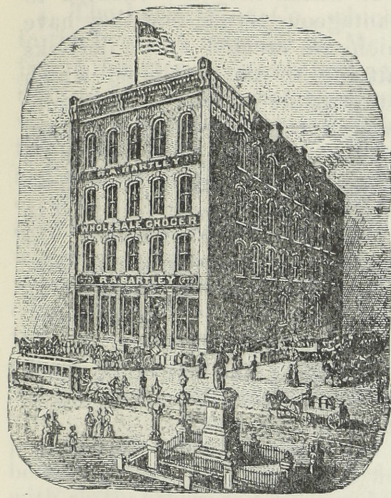
Wholesale Grocer and Importer of Japan Teas, 618 and 620 Summit Street.

A striking example of progress and of what may be accomplished by energy, experience and fair dealing is afforded in an account of the extensive wholesale grocery house of Mr. R. A. Bartley, which has become a landmark in the commercial development of Toledo. This house, which is now one of the largest wholesale grocery establishments in Ohio, was originally founded in 1872, upon a most modest scale and with a capital so small that its present proportions seem almost a magical transformation. In 1881, Mr. Bartley became the sole proprietor of the business and in



1886 removed to his present commodious quarters, which have since been largely added to by the occupation of the entire building. From the inception of the business its operations have increased year by year and its capital has been augmented, until its annual trade now reaches upwards of a million dollars and its stock is the heaviest in the city. The premises occupied rank with the largest and most complete commercial buildings in the city. The building has four floors and a basement, each 50x150 feet in dimensions. The spacious and handsomely finished office is located on the first floor and is a model of convenience and comfort, and is admitted to be one of the finest offices in the city. In the rear of the office is the shipping room, the cigar and confectionery departments. The basement is the largest, finest and dryest room of the kind in Toledo. It has a capacity for storing 2,000 barrels of sugar, besides unlimited quantities of provisions, fish, molasses, etc. On the second floor is displayed the gene-

ral stock, grocers' sundries, etc.; the third floor is devoted to canned goods, barley, rice, etc., and the fourth floor contains wooden ware, cordage, willow ware, etc. About twenty assistants, clerks, salesmen, porters and 50 cigarmakers are employed. Devoted, from its origin, to the whole-



sale and jobbing trade, it has during its honorable career of twenty years watched the advancement of its patron's interests, informing its trade, so soon as possible, of the complexion and character of every fluctuation in the market, by personal letters, thereby extending to merchants the full benefit of its experience and extensive connections, affording its patrons an opportunity to seize the legitimate advantages of the trade. The stock includes all kinds of staple and fancy groceries, teas, coffees, spices, canned goods and delicacies, sugars, molasses, salt, flour, etc. The house is a direct importer of Japan teas and is agent for the sale of numerous special lines of goods, among which are the products of the Laffin & Rand Powder

Co. A feature of the business, quite unusual in the trade, is the policy of employing no traveling salesmen, and when it is known that the increase in the sales for 1891 over the previous year was upwards of \$200,000, the wisdom of this policy may not be questioned. A recent accession to the business is the manufacture of fine cigars, the leading brands being the "Winner," "Queen Hand" and "Red Seal," which are sold at prices at least twenty per cent. below those obtained for goods of equal quality elsewhere. The trade of the house extends throughout Ohio, Michigan, Indiana and Illinois. Mr. Bartley is in the prime of his usefulness and takes a great pride in his enterprise, which, within the space of twenty years, he has developed from nothing to its present commanding position. Having maintained from the beginning an untarnished reputation, his claims upon the consideration of the trade are second to those of none of his compeers, and buying all goods for cash only, owing no man a dollar, not even the banks, he is enabled to accord buyers all the advantages that result from a clever combination of energy, industry, experience, skill and capital.

THE WEIS STONE COMPANY.

Contractors of Cut Stone, Monroe and Eleventh Streets.

The business of supplying building stone is one of the most important features of any large city, and no city can be said to have attained "solidity" until it presents stone buildings, stone walks, stone pavements, etc., as a claim to the title. Probably no other single concern in Toledo is better prepared with all facilities for furnishing advanced accommodations in the direction of supplying cut stone of all kinds and for all purposes than is The Weis Stone Co. This enterprise is a late accession to the building resources of Toledo. The company was organized as recently as

January 15, 1892, and commenced operations with all the latest improved facilities and appliances necessary to the success of the business. The company enjoys intimate relations with the principal producers of the building stone of the country, by means of which they are enabled to procure the rough stock upon the most advantageous terms, and they have a large and well equipped plant, upon which are erected steam derricks and other structures and conveniences suitable to the business, which insure high quality of product at the lowest possible cost for production. The company deals in all kinds of cut and rough building stone, flagging, sidewalk and vault covers, stone trimmings for buildings, etc., making a specialty of cut stone from architects' plans and drawings. They have already secured a number of important contracts, and are fully prepared to promptly meet the demands of the trade. The executive officers of the company are men of experience, ample resources and progressive methods, and under their able management the success of the Weis Stone Co. is an assured fact. They are N. A. Whitney, President; Ed. J. Weis, Secretary and Manager, and T. T. Colpits, Superintendent. They are closely identified with the industrial development of Toledo, and are doing much to advance the building interests of the city and make it the metropolis of Northern Ohio, and a solid and well built city.

DAVIS BROTHERS.

Wholesale Dealers in Dry Goods, Notions and Furnishing Goods, Etc., 214 and 216 Summit Street.

This enterprise is the oldest wholesale house in Toledo having a continuous existence under one management, and from its inception in 1866 it has continued to expand with the growth of the city, annually increasing the scope of its operations and the volume of its trade, until to-day it enjoys a large trade extending throughout Ohio, Indiana, Michigan and the west generally. The firm occupies a commodious four-story building 33x150 feet in dimensions, where they carry an extensive and well selected stock of dry goods, fancy goods, notions, furnishing goods, overalls, pants, shirts, etc. A specialty of the house is the manufacture of hand-knit worsted goods for ladies', misses' and children's wear, in which department they give employment to about 200 hands, the work being chiefly done at the homes of the operatives, who are the wives and daughters of working men. The firm enjoys great advantages in the production of this class of goods by reason of their ability to obtain an intelligent class of help in Toledo, which is far above, in social status, that usually available in larger cities. The goods produced are of high quality and are in active demand by discriminating buyers. All the goods handled by the firm are procured direct from first hands and are offered at prices that command attention, while the unexcelled shipping facilities afforded by Toledo's railroad system insures quick dispatch to all points within the territory above named and renders this city the natural market for an annually increasing clientage. The individual members of the firm and founders of the business are: Messrs. Owen T. and John B. Davis, both long residents of Toledo and closely identified with the advancement and commercial prosperity of the city, and both occupy positions of prominence among the leading representatives of the commerce of Toledo.

LENK WINE COMPANY.

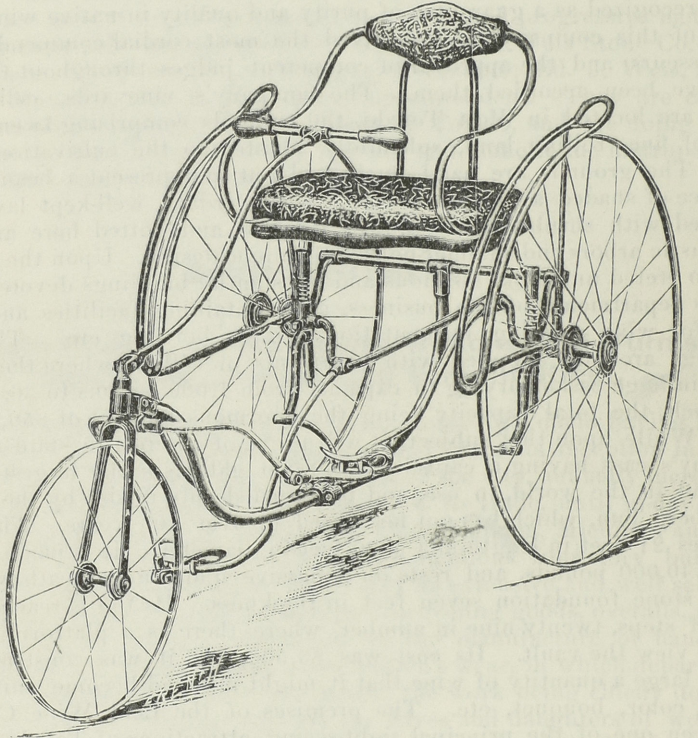
Growers and Wholesale Dealers in Native Wines. Office and Cellars, Detroit Avenue, West Toledo.

The Lenk Wine Co., which was incorporated in 1872, and succeeded to the business founded by Mr. Carl Lenk, the president of the company, just a quarter of a century ago, has grown from the smallest beginning until to-day it has become one of the largest producers of pure wines in the world. From its inception, it has been the policy of the management of this business to place upon the market only pure and unadulterated wines, and as a result a national reputation has been acquired for the unvarying excellence and superior quality of the various brands emanating from the establishment, and the name of the Lenk Wine Co. has come to be everywhere recognized as a guarantee of purity and quality in native wines. The wines of this company have received the most cordial commendation of connoisseurs, and the approval of competent judges throughout the country have been accorded them. The company's vineyards, cellars and offices are located in West Toledo, the grounds comprising twenty-eight acres of fine, rolling land, splendidly adapted to the cultivation of the vine. The grounds are handsomely laid out and present a beautiful appearance of shaded avenues and walks with verdant, well-kept lawns, embellished with shrubbery and flower gardens, and dotted here and there with rustic arbors and summer-houses of unique design. Upon the grounds are also erected numerous spacious and substantial buildings devoted to the various departments of the business, and containing facilities and appliances for wine pressing, fermentation, storage, bottling, etc. The main buildings are also supplied with basements or cellars, where the wine is stored in huge casks varying in capacity from 1,000 gallons to 36,000 gallons each, the total capacity being the enormous amount of 850,000 gallons. While upon this subject, it will prove of interest to state that the company's cask having a capacity of 36,000 gallons is the largest one of the kind in the world, in use, and is exceeded only in size by the famous Heidelberg Tun, which has not been used in over 100 years. This cask measures 21 feet in length and is 20 feet in diameter. It is made of oak, weighs 40,000 pounds, and rests on a massive cradle underneath which is a solid stone foundation seven feet in thickness. Its top is reached by a flight of steps, twenty-nine in number, where there is a platform for visitors to view the vault. Its cost was \$3,500, and it was constructed to hold so large a quantity of wine that it might mix and become uniform in quality, color, bouquet, etc. The premises of the Lenk Wine Co. have long been one of the principal sight-seeing attractions of Toledo, and in this regard they have been greatly enhanced since the completion of this monster tun. The leading brands of wine produced by the company are their Dry Catawba, Sweet Catawba, Iona, Norton's, Virginia Seedling, Ives' Seedling, claret and port, all of which are standard and well known in every wine market throughout the United States. These wines are all made from specially selected grapes, unexcelled in quality, flavor and all other essentials for producing a superior grade of wine. Long since the demands upon the company have outgrown the products of their own vineyards, and they purchase large quantities of grapes each year from the Erie islands and other lake vineyards, the annual consumption of grapes reaching upwards of 4,000 tons, the product averaging a half million gallons. The officers of the company are Messrs. Carl Lenk, President; L. Franc, Vice President, and Theodore Beekman, Secretary and Treasurer.

THE TOLEDO METAL WHEEL COMPANY.

Manufacturers of Metal Wheels, Steel Velocipedes, Tricycles, Etc., Toledo, O.

The Toledo Metal Wheel Co. are the largest manufacturers of the goods above indicated by the caption of this article in the United States. The business was originally established in 1886 by the Harris Metal Wheel Co. which title was changed to the present one in 1891. The plant is embraced in two large three story main buildings with other minor structures, and a third large building is now under construction. The equipment is of the most modern and improved character, is operated by a 70 horse power steam engine and furnishes employment to 150 skilled workmen,

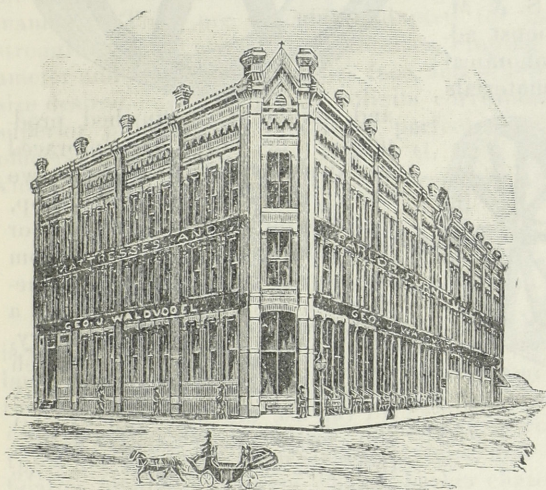


and the plant is located on the lines of the M. C., and L. S. & M. S. railroads which afford unsurpassed shipping facilities. The company's products consist of boys' express wagons, tricycles, bicycles, velocipedes, toy wheelbarrows, toy sulkies and wire wheels of all kinds, which are made either plain or with rubber tires. The company's line of these goods is the largest and most complete of any in the market, and the standard of workmanship and finish which has always characterized the productions of the company from the outset is not only fully maintained but improved upon, as the facilities of the house are increased. The company's products are sold in all parts of the world and are everywhere recognized as the best of the kind in the market, while the prices at which they are furnished are as low as is compatible with quality, and command the attention of the trade. While the manufacturers of less novel and attractive

styles of this class of goods in the Eastern markets are gradually going out of business for lack of demand, this company is annually increasing its facilities and has hard work to keep up with the orders for its products. The management of the business is vested in the able and efficient hands of Messrs. F. E. Southard, President; H. P. Filken, Vice-President; and A. E. Klauser, Secretary and Treasurer. The enterprise is one of the most important of its kind in America, and is a leading and representative feature of the industrial development of Toledo.

WALDVOGEL BROTHERS.

Manufacturers and Dealers in Furniture, 514 and 516 Summit Street.



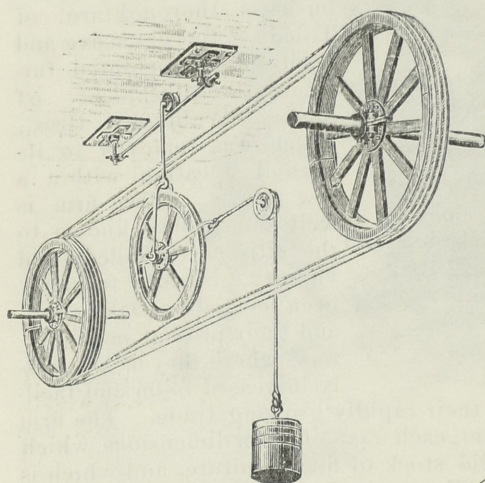
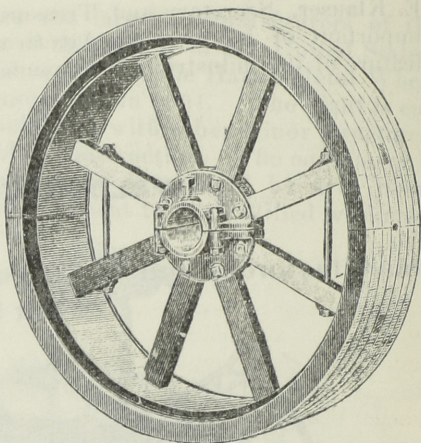
One of the most recent accessions to the trade accommodations of the main business thoroughfare of Toledo is the extensive and handsomely appointed furniture establishment of Messrs. Waldvogel Bros., which was removed to its present location within a few weeks. The firm is well and widely known to the citizens of Toledo and vicinity, having formerly been located on Oak street, and their present new quarters, where they have greatly increased room and facil-

ities, have been made necessary by their rapidly growing trade. The firm now have three floors and a basement, each 35x85 feet in dimensions, which are completely filled with a splendid stock of fine furniture, and which is offered at lowest possible prices. All the goods are procured direct from the leading manufacturers of the country, and may be relied upon as being the best of the kind in the market. The stock includes parlor furniture, chamber sets, dining-room furniture, and, in fact, furniture for all purposes, all of which is of the newest and most fashionable designs. The firm manufacture rich parlor furniture to order, and all their own upholstery is done upon the premises, thus securing the best possible workmanship and materials. The business policy of the firm has long been recognized as a liberal and square-dealing one, and every representation made is fully guaranteed. The members of the firm are Messrs. Geo. J. and John J. Waldvogel, both of whom are practical furniture men and thoroughly alive to the demands of the trade. The house gives every promise, in its new quarters, of taking a leading position in the trade. The cut accompanying this article is that of the Oak street store formerly occupied by the firm.

THE GREAT WESTERN PIN COMPANY.

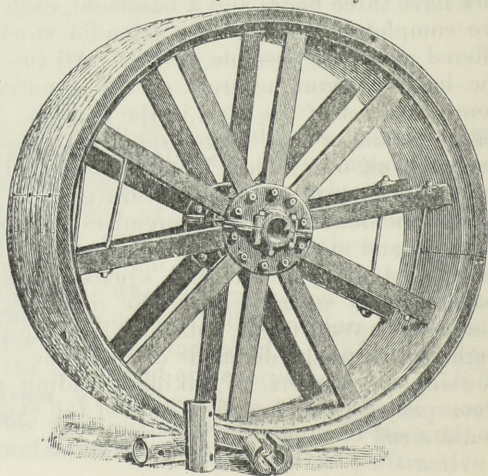
Office and Works: Albion Street, Toledo, O.

The Great Western Pin Co. was incorporated in 1884 and combines the manufacture of two entirely different and distinct classes of products, viz.: brass and adamantion pins and wood split pulleys, in each of which departments of industrial activity the company has attained a high reputation for superior excellence of products generally throughout the United States. The manufacturing plant adjoins the tracks of the M. C. R. R. and the L. S. & M. S. R. R., which afford the most advantageous facilities for economical and prompt receipt of raw materials



and shipment of finished products. The works are embraced in a two story main factory, a two story iron cased machine shop, an office building and other minor structures, with ample yard room for storage of lumber. The mechanical equipment comprises a large amount of special machinery, automatic in operation, which was designed and made expressly for the use of the company. A 100 horse-power steam engine furnishes the necessary motive force and employment is given to from sixty to seventy-five work-

men. The company manufactures brass and adamantine pins, with solid heads, needle points and full count. These are packed in various styles of packages, papers, books, cartoons and in bulk, in one-half pound boxes. Special and attractive packages are toilet boxes and counting house boxes, in which an assortment of sizes of pins are packed in cushion shaped boxes, the names of which signify the use for which they are designed. Cigar box nails are also manufactured in large quantities.



This company are the sole manufacturers of the Keasey Iron Center Split-Wood Pulleys for belts and rope transmission of power, which, by reason of their important improvements that overcome all defects found in other wood pulleys, are now widely recognized as the most perfect pulleys on the market. These pulleys are all split pulleys, are perfectly balanced, are light, strong and durable and, being made with iron hubs, can be securely fastened to the shaft. This pulley has no wide arms to fan the air and kick up dirt, and, by means of a new patent paper lined bushing system, the pulleys can be bushed to fit any sized shaft. They are all made from the best materials and have every rim securely nailed and doweled, in addition to being glued. Special attention is given to the manufacture of rope transmissions. The pulleys are made with hard maple rims, grooved for ropes and are fine specimens of mechanical ingenuity. The Keasey pulleys have iron hubs, dry hickory spokes, which are set with narrow edges toward the pull of the belt, and the rims are made of the best seasoned lumber, turned both inside and out, thus securing a true running pulley. The company has hundreds of testimonial letters from leading concerns in all parts of the country, commending the Keasey pulleys in the highest manner. They are especially adapted for main drives requiring great strength. They are made in all sizes, ranging from 3 to 120 inches in diameter and from 3 to 46 inches face, and orders are promptly filled for any size desired. The company solicits correspondence in reference to their superior product and guarantee perfect satisfaction in all cases. The officers of the company are Messrs. G. R. Hudson, president, F. B. Dodge, vice president, and C. F. Milburn, secretary and treasurer.

T. J. COLLINS & CO.

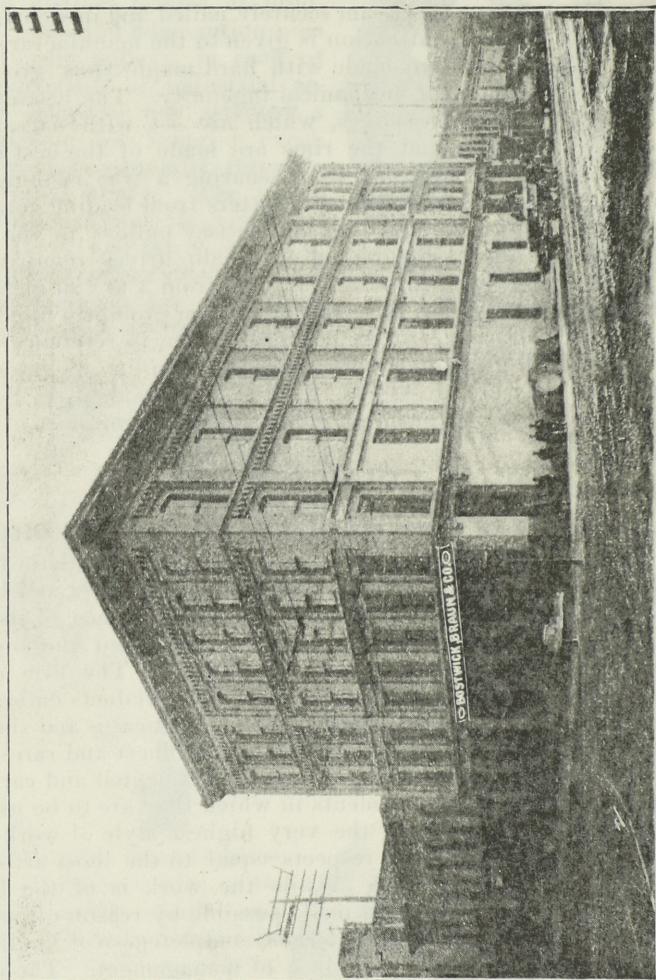
Manufacturers of Fine Furniture, 221 Summit Street.

A leading enterprise in Toledo devoted to supplying artistic furniture is that of T. J. Collins & Co., which was founded in 1882 and has since built up a high reputation for the beauty and magnificence of its specialties, resulting in a trade that extends largely throughout the middle and eastern states, and is annually increasing in volume. The firm manufactures fine furniture from special designs, and their products embrace sideboards, mantels, cabinets, chairs, barber chairs, book-cases and similar articles, which are made after original designs of the finest and rarest woods, with the newest finish, either plain or heavily ornamented and carved, and with special reference to the apartments in which they are to be used. All their products bear the imprint of the very highest style of workmanship known to the trade, and are in all respects equal to the most artistic productions of this country or abroad. While the work is of the best, the prices are remarkable for liberality, made possible by reason of contiguity to the sources of supply for raw materials, completeness of facilities, unsurpassed railroad facilities and experience of management. The premises occupied by the firm are comprised in a three story brick factory, 120x100 feet in dimensions, which is fully equipped with all the necessary machinery, operated by steam power, and furnishes employment to thirty skilled workmen. The members of the firm are Messrs. T. J. Collins, J. R. B. Ransom and Thaddeus Randolph, all gentlemen closely allied to the industrial advancement of Toledo, of which their enterprise in this direction is an important feature. The firm solicits correspondence with regard to their artistic products and will promptly furnish designs and estimates for anything in their line.

BOSTWICK, BRAUN & CO.

**Wholesale Dealers in Hardware, Cutlery, Iron, Steel, Etc.,
Cor. Monroe and St. Clair Streets.**

This enterprise was founded originally in 1856, by W. & C. B. Roff. In 1862, Mr. O. A. Bostwick was admitted as a partner under the firm name of Roff & Co. In 1865 Mr. C. F. Braun became a partner, and in



1868 Mr. George A. Braun also joined the firm. In 1876 Mr. C. B. Roff retired from the business, and the present firm style was adopted, which has not since been changed, though in 1888 the personnel was increased by the admission of Messrs. Charles Dustin and W. H. Standard. From the inception of this business it has continued to grow and expand with the development of Toledo, until now the volume of its transactions has reached an annual value of about \$1,000,000. The premises occupied for the business consist of a four-story and basement building 60x120 feet in

dimensions, which is centrally located and affords every advantage for the storage of a large stock and the prompt fulfillment of orders. The interior arrangements of this establishment are particularly worthy of mention, every article being systematically classified and arranged so that orders can be filled and shipped the same day they are received. The stock embraces all the various goods comprised under the general headings of hardware, cutlery, iron, steel, nails, metals, tinners' stock, shelf hardware, builders' hardware, machinists' and mechanics' tools, tools for all trades, manufacturers' supplies, scales, etc., of both foreign and domestic manufacture, as well as a multitude of other articles of use and necessity in all occupations and conditions of the public. In every case their supplies are procured direct from first hands, and they enjoy especially close and advantageous relations with large makers, which place them on a par with manufacturers with regard to inducements to the trade, and they successfully compete with the leading concerns of Chicago, Detroit, Buffalo, Cleveland and Cincinnati, throughout the territory embraced in Ohio, Michigan and Indiana. The firm employs a large capital in the operation of the business, and its transactions entail the services of thirty-five clerks, traveling salesmen and assistants. Mr. Bostwick, the head of the firm, is a director of the Toledo Savings Bank and Trust Co., and is highly esteemed in commercial and financial circles as a progressive and substantial business man; Mr. G. A. Braun is also a director of the Second National Bank, and all the members of the firm are prominently identified with the industrial and commercial advancement of the community.

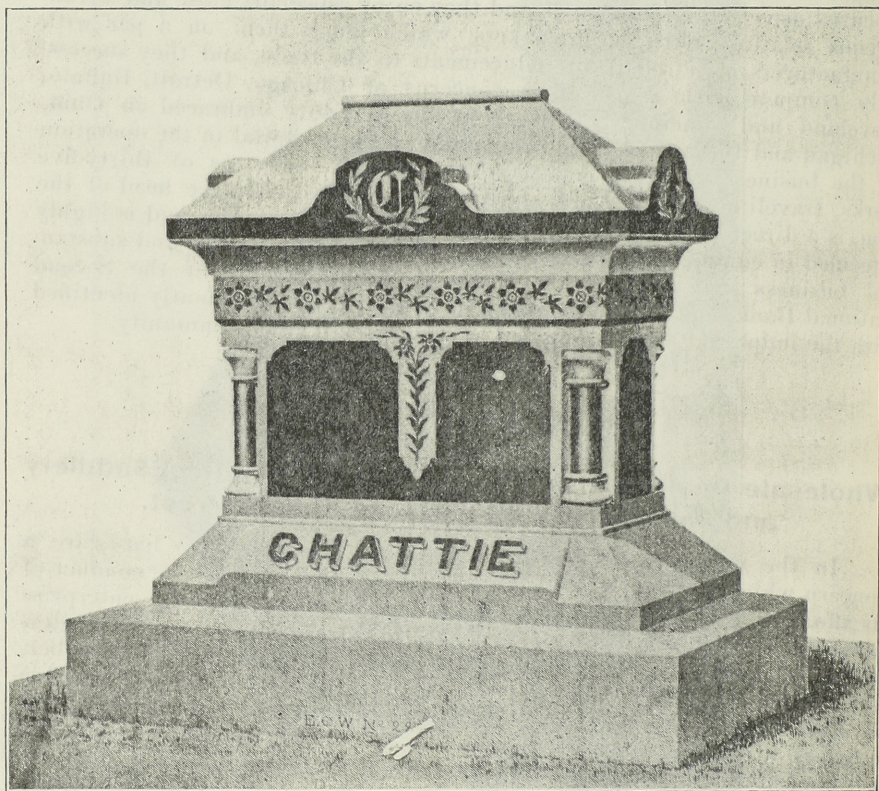
KEEN BROS. & CO.

Wholesale Dealers in Horse Goods of All Kinds, Saddlery and Saddlery Hardware, 418 Summit Street.

In the vitally important line of saddlery and saddlery hardware, a concern which has adopted the most progressive methods in the conduct of its affairs is that of Messrs. Keen Bros. & Co., whose extensive enterprise furnishes dealers with all facilities for the prompt fulfillment of orders upon the most favorable terms. This house was founded in December, 1887, since which time it has built up an honorable name and a reputation for fair dealing not excelled by that of any competitor. The main headquarters of the business are comprised in a commodious store, 20x125 feet in dimensions, having four floors, the whole of which is filled with the large and varied stock carried, which includes every article that legitimately belongs to the lines indicated by the terms saddlery and saddlery hardware, from the cheapest iron ring to the most expensive gold or silver plated harness trimmings. The firm is prepared to promptly fill the largest special sorting up or general outfit orders as well as for anything that may be required, and at prices that command attention. The trade of the house extends throughout Ohio, Indiana, Michigan and Illinois, in which territory they are represented by three traveling salesmen. Special attention is given to keeping the stock fully abreast and in advance of the trade, and novelties are constantly being received as soon as issued by the manufacturers. The members of the firm are Messrs. Charles J., Joseph S. and Aaron Keen and Ed. M. Bendelow, whose claims to support rest on a liberal and fair dealing business policy. The enterprise forms an important factor in the commercial development of Toledo.

ECKHARDT BROS.**Steam Marble & Granite Works, 27 Erie Street.**

The leading representatives of this artistic industry in Toledo are Messrs. Eckhardt Bros., who commenced operations here in 1874 upon a small scale, which, however, has been annually extended, superinduced by the high quality of the products, until at present they enjoy a large trade that extends generally throughout Ohio, Indiana and Michigan. The facilities of the firm are equal to the production of any and all kinds of monu-



mental work, from a simple head-stone to a stately public monument. The premises occupied consist of a two-story building 50x120 feet in dimensions, where from twenty to thirty skilled workmen are employed, under the personal supervision of the members of the firm, both of whom are expert and practical marble workers. While the work executed is chiefly made to order from special designs, the firm carry in stock a beautiful assortment of monuments, headstones, memorials, etc., in marble and granite, and embracing designs of the most artistic character, from which selections may be made. It has always been the aim of this firm to furnish strictly first-class work at reasonable prices, so that the good taste of the public might be both gratified and educated. The firm employ only the best qualities of American and foreign marble and granite in the manufacture of monuments, and to this fact their important success is largely

attributable, giving them the preference over others who are not so particular in regard to the enduring character of the stone employed. The firm have supplied some of the most beautiful pieces of statuary and monumental work in this section, among the most notable being those in Forest Cemetery for James Secor, Henry Brand, Leander Wilcox, Henry Brucksieker, W. H. Currier, the Truax monument and many others. In Woodlawn Cemetery for Col. De Wolf, George E. Detwiler, Sanford L. Collins, A. P. Stewart, Dr. Cosgrove, Mathias Boos, Robert Barber, Edwin Reed and the Bishop monument, the Burgert monument and many others. Other notable monuments are the Soldiers' monument at Maumee, the Keeler monument, the Ewing monument and the Schroeder monument at Perrysburg; J. P. Cook's monument at Hillsdale, Mich.; the Wakefield, the Crabb, the Scofield and the Allen monuments at Morenci. At present the firm have in process of construction a very fine monument in memory of the late James Hardy, in Woodlawn cemetery; two very artistic monuments for Dennis Coghlin's lot in Calvary cemetery, and one for Mr. Rickenbaugh at Tiffin, O. Those contemplating the erection of a memorial to deceased friends will find their interests greatly conduced by forming business relations with this enterprising firm whose honorable and progressive methods have achieved for them the reputation of producing the finest and most artistic monumental work in this section and at the most reasonable prices.

KIND, AUGSBACH & CO.

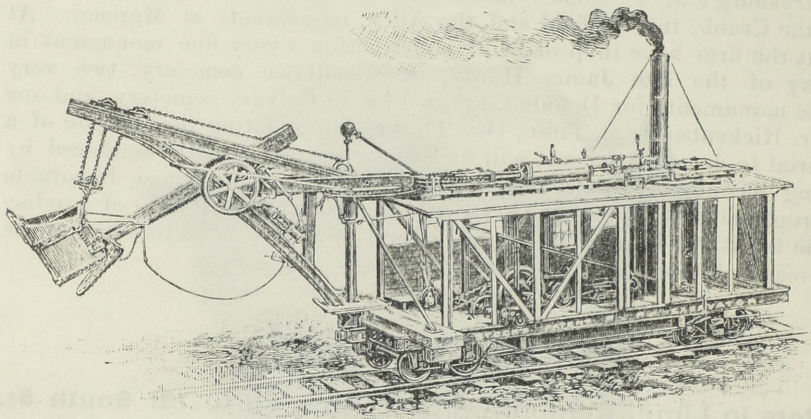
Dealers in Lime, Cement, Plaster, etc., 131 to 151 South St. Clair Street.

The enterprise of Messrs. Kind, Augsbach & Co. is the latest important accession to the trade in building materials in this city. It was established January 1, 1891, and, though only in its second season, it has already achieved a reputation for fair and liberal dealing and established a trade that is in every respect satisfactory and gives ample evidence of continued growth in the future. The facilities of the firm embrace a large warehouse and yard for storage, having a dock frontage of 200 feet on the canal, the whole affording ample accommodations for carrying a large and complete stock and unexcelled facilities for the receipt of materials by vessel with a minimum of handling. The stock carried embraces masons' building materials generally, and consists of lime, sand, cements, plaster, sewer pipe, plastering and brick mortar, fire-brick, fire-clay, chimney tops, drain-tile, building stone, common and pressed brick, etc., all of which are procured direct from original sources of supply and are offered to the trade upon the most favorable and advantageous terms. The various operations of this important enterprise entail the services of twenty-five assistants and a number of horses and wagons are employed in making deliveries in the season. The trade of the house is chiefly local, with contractors and builders, a considerable trade, however, being established in near-by localities. The members of the firm are Messrs. Richard Kind and Otto Augsbach, both of whom have a thorough knowledge of the wants of the trade and give their close personal attention to all the details of the business. They are held in the highest estimation in commercial circles for their business abilities and integrity, and they justly merit the pronounced success they have achieved in their chosen field of commercial activity.

TOLEDO FOUNDRY AND MACHINE COMPANY.

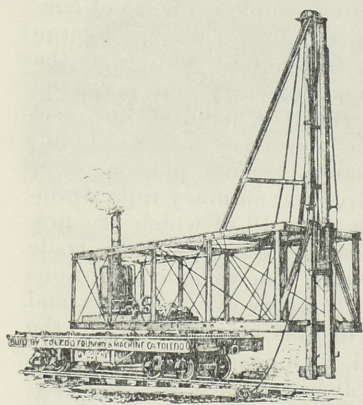
Manufacturers of Excavators, Dredges, Pile Drivers, Saw Mills, Etc., corner Water and Cherry Streets.

The Toledo Foundry and Machine Co. has long occupied a leading place among the more important industries of Toledo. It was incorporated March 1, 1880, and succeeded to the business established some fifteen years earlier. Immediately upon taking possession, however, the plant and facil-



ities were greatly enlarged and the enterprise placed upon a plane of efficiency far in excess of anything in its previous history, and on a par with its contemporaries. The plant covers an area of 125x200 feet, upon which are erected a large brick building and other suitable structures, the whole

being fully equipped with late improved machinery and tools operated by a fifty horse power steam-engine, and employment is furnished to a force of seventy-five skilled workmen. The company are builders of marine, stationary and hoisting engines and machinery, circular saw mills and mill machinery, potash kettles, grate bars, fire and boiler fronts, gearings, pulleys, hangers, and all kinds of wrought and cast iron work, brass castings, etc. Their chief specialties, however, are their excavators, dredges and pile drivers, in the production of which they have acquired a national reputation for first-class machinery. Their excavators for rail-



road construction are in use by contractors in all parts of the country, as are also their pile drivers, which are made to be placed on a flat-car and used while the car is upon the tracks. They also make pile drivers for dock work as well as other purposes, and dredges for rivers and harbors. The officers of the company are Messrs. H. W. Koelker, president, J. C. Wuerfel, general manager and treasurer, and C. E. Wuerfel, secretary.

PADDOCK, HODGE & CO.**Grain Commission Merchants. Office, 29 and 30 Produce Exchange.**

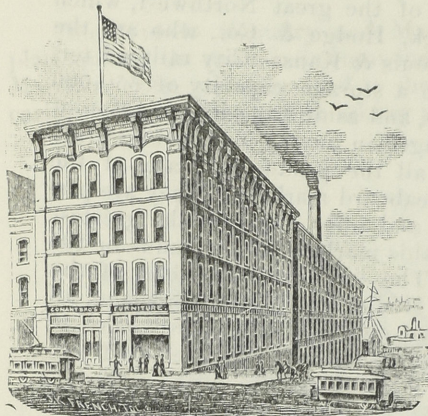
To no single firm is Toledo indebted in a greater degree for furnishing facilities for economically handling and forwarding to the seaboard and Eastern markets the cereal products of the great Northwest, which accumulate here, than to Messrs. Paddock, Hodge & Co., who are the owners and operators of the Toledo, St. Louis & Kansas City railroad terminal elevators, located here, which have a storage capacity of 650,000 bushels. This firm was organized in 1889, and aside from its operation of the above named elevators, is largely engaged in buying and selling grain on commission. The firm buy grain in all the producing states of the West and ship to New England and the seaboard markets. They are prepared to handle the largest consignments and offer shippers the greatest inducements to investigate the merits of this market, which stands in the van as a receiving and shipping center. The individual members of the firm are Messrs. F. O. Paddock, James Hodge and J. H. Bowman, all men of broad gauge ideas and progressive methods, thoroughly alive to the wants of the trade and in the advance in providing facilities for transacting the business.

THE WHITAKER & KIRK HARDWARE COMPANY.**Wholesale and Retail Hardware, 210 Summit Street.**

The Whitaker & Kirk Hardware Co. is one of the oldest representatives of the commercial interests of Toledo, having been founded nearly half a century ago, in 1844, by J. H. Whitaker, and since continuously conducted by him and his successors, the present company having been incorporated in 1891. The premises occupied for the business are very spacious and comprise a four-story basement building, 20x125 feet in dimensions, admirably equipped and arranged with every facility and appliance for the accommodation of the immense stock of hardware, cutlery, etc., which is unsurpassed for quality, extent and general excellence by that of any contemporary house in the trade in the state. The stock carried embraces Builders' and Shelf Hardware, Cutlery, Mechanics' Tools, Paints, Oils and Glass, Yale Locks, House Furnishing Goods, Fishing Tackle, etc., and a multitude of useful articles for the builder, the manufacturer, the merchant and the housekeeper, all of which are procured direct from first hands and are offered to the trade and consumers at prices that command attention. A large force of competent and able assistants attends promptly to patrons, and the company is represented on the road by a number of traveling salesmen. A thorough system of organization has been brought into operation, which conduces greatly to the successful prosecution of the business, and every accommodation is given to customers that would in any way conserve their interests. The trade of the house extends generally throughout Ohio, Indiana and Michigan, and not only controls that which naturally belongs to Toledo, but encroaches upon that territory which has heretofore been considered the property of other large cities, notably Detroit, Indianapolis, Cincinnati and Chicago. The officers of the company are Messrs. C. H. Whitker, president, E. A. Kirk, vice-president, and E. E. Kirk, secretary and treasurer, who have, during a long and active career, won a measure of popularity, confidence and respect in Toledo second to no other members of commercial circles.

THE CONANT BROS.' FURNITURE COMPANY.

**Manufacturers of Fine Interior Woodwork, Mantels, etc.,
and Dealers in Furniture, Summit, Adams and Water
Streets.**



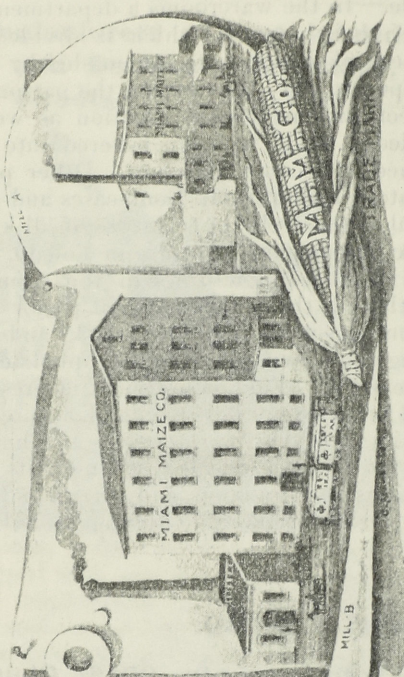
Occupying a most important division of the furniture trade, one of the most prominent houses in the Union, both as to the extent of its business and the conceded superiority of its output, is The Conant Bros.' Furniture Co. of this city. This company was originally established in June, 1871, by Messrs. Conant Bros., and was incorporated in 1885, with Mr. W. W. Conant, since deceased, as its president. The business premises comprise a warehouse having five floors and a basement, each 40x130 feet in dimensions, a four story manufactory, 100x120 feet, which is completely equipped with new and improved machinery and ample steam power, and gives employment to one hundred skilled workmen. The company has long made a specialty of the manufacture of fine interior woodwork, mantels, side-boards and hardwood fixtures for public buildings, banks, offices, hotels and private residences, both original in design and after architects' drawings, and their facilities for the production of the most elegant examples of their art are unsurpassed anywhere. They furnish special designs embodying the latest ideas, and, by virtue of their long experience and past unqualified success, they make just claims to produce that which may rightfully be called thoroughly artistic work, and which, for elegance of finish, richness in design and conception, and excellence in workmanship have secured for them a recognized leadership as manufacturers of interior decorative cabinet work. Among the public buildings furnished by this company we note the Court House at Marysville, Kansas; the Court House at Plattsburgh, Neb.; the Court House at Beatrice, Neb.; the Court House at Wausau, Wis.; the Court House at Chattanooga, Tenn.; the Court House at Mt. Sterling, Ky.; the Court House at Columbus, O.; the Court House at Galesburg, Ills.; the Court House at Charlotte, Mich.; the Court House at Monroe, Mich.; the Court House at Tiffin, O.; the Court House at Lincoln, Neb.; the Court House at Los Angeles, Cal.; the Court House at Stockton, Cal.; the Court House at Whateon, Wash.; the Court House at Seattle, Wash.; the City Hall at Wichita, Kansas; the United States Post Office at Minneapolis, Minn.; the United States Post Office at Ft. Wayne, Ind.; the United States Post Office at Hannibal, Mo.; the Desert National Bank, Salt Lake City, Utah; First National Bank, Asheville, N. C.; Second National Bank, Bay City, Mich.; Sturge's Bank, Mansfield, O., and the First National Bank at Meridian, Miss. This list represents but a small part of the number of buildings furnished by this company, but will give the reader some idea of the wide territory reached by the business of the house. The manufacture of wood mantels forms an important feature of the company's operations, and they also furnish marble and marbleized slate mantels in any required design, as well as polished brass fire-places,

antique fire-places, enameled brick and tile fire-places, imported and American art tile, tile facings and floor tile. In the warerooms a department is especially devoted to the display of their mantels, which is divided in numerous departments, where the several designs are surrounded by harmonious furnishings, carpetings, draperies, etc., thus giving the patron an opportunity to study the various effects and make such selection as would suit his taste, with the same knowledge as if he were ushered into the room in which the mantel was destined to become a fixture. Other products of the company are Conants' Patent Roller Shelf Book-cases and Patent Filing Boxes, and they also deal extensively in furniture of all kinds and carry the largest stock of artistic and elegant furniture in Toledo, embracing the productions of the most noted manufacturers in the country. In this department, it may be said, that all the upholstering of parlor furniture is done upon the premises, thus insuring first-class work, and customers have the privilege of selecting their own materials for upholstering from the large stock of piece goods carried. Each department is presided over by men of the highest skill and knowledge attainable, and, as a result, everything turned out is the best of its class that it is possible for human ingenuity to produce. The company is in the market for anything in its line, and promptly furnishes estimate, designs and drawings, and correspondence is solicited, with the assurance that fair and honorable treatment will invariably be experienced.

LELAND, SMITH & CO.

Wholesale Dealers in Cigars, Tobaccos, etc., 221 St. Clair St.

The only exclusively wholesale establishment in Toledo devoted to handling tobacco and cigars is that of Messrs. Leland, Smith & Co., which was originally founded in 1878 and came into the possession of the present firm in 1881. The firm transacts a large and important business throughout Ohio, Indiana and Michigan, which is annually increasing in volume. The stock embraces all the leading brands of manufactured tobacco, in plug, fine cut, chewing and smoking as well as smokers' articles generally, no other concern in this section carrying so large or so varied a stock. In cigars the firm are the heaviest dealers in this section. They are distributing agents for Powell, Smith & Co. and Lozano, Pendas & Co., and carry a full line of their products. Powell, Smith & Co. are the largest manufacturers of cigars in America, their annual product reaching upwards of 35,000,000. Their leading brands are "Perfectos," "Conchas," "Cuban Blossom," "P. & S. Bouquet," "Marguerite," "Royal Queen," "Imported Quality," "La Premium" and "Smokettes." The latter is probably the most wonderful of all cigars ever put upon the market. The success of the "Smokettes" has been the talk of the times. It is the only full long Havana filled, hand-made and Sumatra-wrapped cigar in the market sold at five cents at retail, and of this brand alone over 25,000,000 were made and sold the past year. Lozano, Pendas & Co. manufacture clear Havana cigars, their leading brands being "Webster," "Garcia," "Farragut" and "La Industria." These goods are all the best in the market of their several grades, are always fully maintained in quality and wherever introduced have bounded into first place in the estimation of the trade and consumers. Messrs. Leland, Smith & Co. are fully alive to the wants of the trade in this market, and are prepared to afford the greatest accommodations and inducements to buyers.



MIAMI MAIZE CO.
TOLEDO, OHIO.
Manufacturers of
Corn Goods
INCORPORATED.

CABLE ADDRESS, "MAIZE TOLEDO."

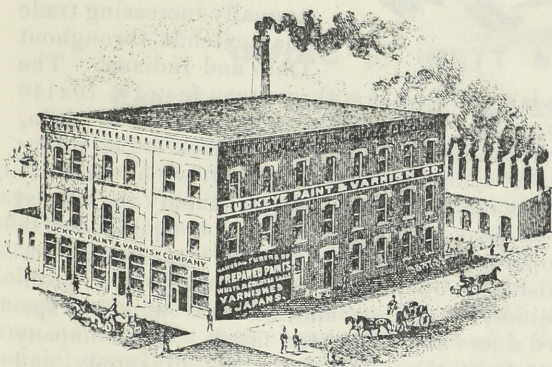
TOLEDO, O. 189

The grinding of cereals is a most important feature of the industries of Toledo, and engaged in a special department of the industry is the Miami Maize Co., which is the only concern of the kind in the city. This company was incorporated November 7, 1891, its projectors being men closely identified with the grain trade of the country, and its operations are conducted under the able and experienced direction of Mr. W. H. Haskell, manager. The plant is comprised in a five-story and basement mill, 40x80 feet in dimensions, a four-story feed mill, 30x45 feet, and a warehouse for storage purposes, 40x40 feet. The mechanical equipment is as complete as could be desired and embraces all the newest and latest improved devices in corn milling machinery that could be provided. The mill is run night and day to its full capacity, and the products are shipped in large quantities throughout the Eastern and Southern states. The products of the company are Hominy, Grits, Corn Meal, Brewers' Corn Goods, and Feed, a specialty being made of Toledo Steam-Cooked Feed, which will keep fresh and sweet until used and is particularly desirable as a food for stock. The system adopted by this company in the manufacture of their goods is peculiarly their own, and the result is a product that is not excelled for color, purity and strength, and this

fact has been duly appreciated by the trade, as is evidenced by the rapid and steady increase of the demands for the products. The shipping and receiving facilities of the company are unsurpassed, cars being loaded and unloaded at the doors of the mill, and every accommodation has been provided that would insure economy of production and distribution and the maintenance of high quality in the product. The Miami Maize Co. is an important acquisition to the industrial resources of Toledo, and its success is the just reward of energetic and progressive management.

THE BUCKEYE PAINT & VARNISH COMPANY.

**Manufacturers of Paints, Colors, Varnishes and Japans,
Office and Factory Cor. Fifteenth and Lucas Sts.**

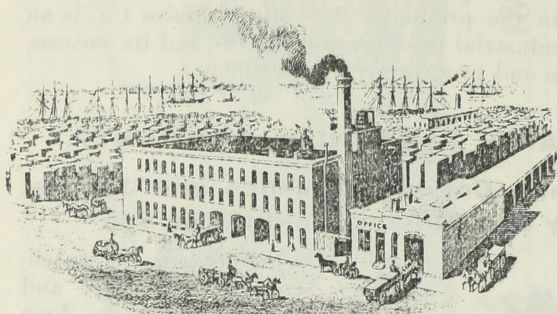


Progress is the watchword of the times and few concerns have done more to realize it, in its relations to the manufacture of superior paints and colors, than has The Buckeye Paint and Varnish Co. of this city, whose superb products are widely used by leading painters and manufacturers on the most costly private residences and in the production of

the highest classes of manufactured goods. This enterprise was established in 1874 and was incorporated under its present title in 1888. From its inception it has occupied a leading position in the trade, and has always maintained the highest reputation for the superior quality of its products. The manufacturing plant is embraced in a three-story and basement main building 40x80 feet in dimensions, and a one-story building 20x80 feet. The mechanical equipment is of the latest improved character, is complete in all details and is operated by steam power, employment being given to about thirty skilled workmen and six traveling salesmen. The products of the company consist of high standard paints and colors, varnishes and Japans. Their prepared paints for house painting are made in all the new shades and tints and are warranted to wear better, look better, cover more surface and prove more economical than any other similar goods in the market. All their paints may be implicitly relied upon for being made from the very best and purest raw materials, scientifically and accurately combined. Wherever introduced the Buckeye paints are recognized as the best goods in the market. The trade of the house has annually increased in volume and now extends generally over Ohio, Michigan, Indiana, Illinois, Pennsylvania and New York. The officers of the company are Messrs. P. F. Whalen, President; M. J. Malone, Vice-President; W. F. Malone, Treasurer, and L. Riebel, Secretary. With every facility at hand for supplying the trade, ample resources, extended experience, enterprising management and a past record for a fair and honorable business policy, The Buckeye Paint and Varnish Co. is fully entitled to the marked success it has achieved.

THE WITKER MANUFACTURING COMPANY.

Manufacturers of Doors, Sash, Blinds, Etc., and Dealers in Lumber. Yard and Factory: Oak and Water Streets.



Among the group of extensive concerns in Toledo engaged in the manufacture and sale of lumber and lumber products, the Witker Manufacturing Co. is one of the most prominent, and was established in 1886, since when it has built up an annually increasing trade that extends throughout Ohio and Indiana. The

company's plant in this city is embraced in a three-story factory, 70x140 feet in dimensions, a one-story store house, 60x90 feet, a large dry-kiln, and extensive lumber yards with a dock frontage of 250 feet. The piling capacity of the yard is upward of 2,000,000 feet of lumber, which quantity is carried in stock continuously, enabling the company to supply the largest orders for building lumber with promptness. The factory is equipped with late improved machinery, is operated by an eighty horse power steam engine, and employment is furnished to about seventy workmen. The products consist of doors, sash, blinds, mouldings and builders' finish, a specialty being made of veneered doors and hardwood finish. The company procure all their lumber direct from the original sources of supply, and use constant care that all material utilized in their products shall be well seasoned. The officers of the company are Frederick E. Witker, president, and Edward H. Witker, secretary and treasurer, both gentlemen of long experience in the business and closely allied to the industrial development of Toledo. Mr. F. E. Witker has been engaged in this line of business for over a quarter of a century, and is widely and well-known to the trade as a conscientious manufacturer and enterprising business man.

THE SMITH, SIMMONS & PEABODY COMPANY.

**Manufacturers and Jobbers of Boots, Shoes and Rubbers,
122 and 124 Huron Street.**

The extensive manufacturing and jobbing enterprise of the Smith, Simmons & Peabody Co. was originally founded in 1865 by Messrs. Smith & Simmons, at which time the trade of the house was confined to leather and findings. In 1879 the firm of Smith, Simmons & Peabody was formed, the character of the business being changed to that of the present, and in 1890 the present company was incorporated. The officers of the company are Messrs. Wm. H. Simmons, president and treasurer, Orlando C. Smith, vice-president, and Geo. H. Peabody, second vice-president. The first named gentleman resides in Toledo and manages the business in this city, and the others reside in Boston, where the company has an office, and look after the manufacturing department, the company having three large factories located at Danvers, Mass., Rockland, Mass., and Dover, N. H. In

this city the headquarters of the firm are embraced in a four-story building 63x120 feet in dimensions, where they carry in stock full lines of boots, shoes and rubbers for men, women, youths, boys, misses and children, in all the leading styles and grades adapted for this market, which they supply to the trade at manufacturers' lowest prices and in quantities to suit. The company offers the trade throughout Ohio, Michigan, Indiana, Illinois and Missouri the advantages of a large stock from which selections may be made, prompt shipment and quick dispatch by reason of central location and proximity to base of supply, and lowest prices compatible with quality of goods. Twenty-five assistants are employed at the Toledo house, including a number of traveling salesmen, and a large number of operatives are employed at the factories in the East. Enjoying the advantages of extensive facilities, ample resources and long practical experience of the wants of the trade in this market, the Smith, Simmons and Peabody Co. are in a position to offer dealers inducements difficult to procure elsewhere.

IRVING B. HIETT & CO.

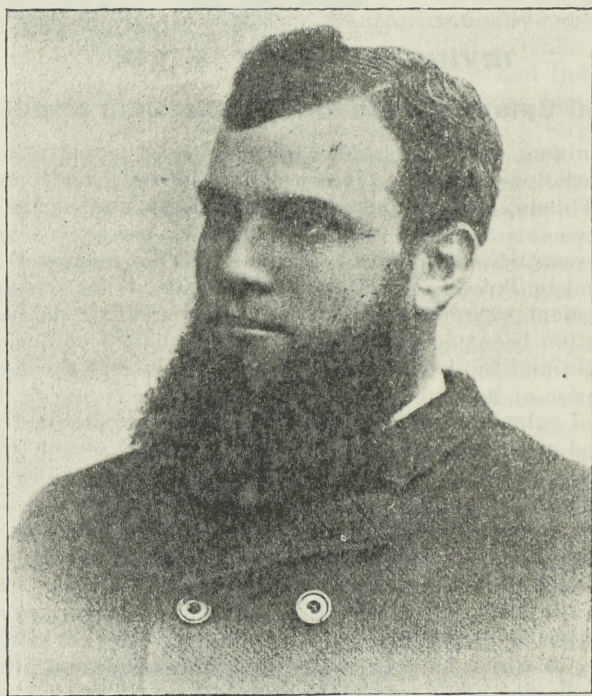
Real Estate and Loans, 243 St. Clair Street.

The prominent and representative real estate agency of Irving B. Hiett & Co. has done much to advance the corporate growth and business interests of Toledo, inviting men of capital here and at the same time offering inducements to residents to own homes or purchase lots for manufacturing, mercantile or residence purposes. This agency is second to none of its kind in Toledo, either in facilities for doing business, experienced management or reputation for reliability and fair dealing, and has from its inception been engaged in developing Toledo's industrial and commercial growth, and the benefits conferred upon the city through the energy and enterprise of its founder and proprietor, Mr. Irving B. Hiett, have been many and valuable. Mr. Hiett founded the business in 1871 and has since conducted a general real estate business, buying, selling and exchanging real property of all kinds, both on his own account and on commission for others. He also negotiates mortgages, loans, furnishes buyers with money to erect houses, when desired, upon terms that are most liberal and presents opportunities to industrious workingmen and others to own their own homes, which no prudent man can afford to neglect. He has been instrumental in laying out and disposing of a number of valuable subdivisions and additions to the building sites in the most desirable sections of the city, many of which have been sold and built upon, and others equally desirable yet remain. The firm has upon their books for sale: paying business property; desirable residence property, well rented; acre property, suitable for platting, and blocks of lots in all parts of the city. Mr. Hiett is a broad-gauge man of comprehensive views, thoroughly identified with Toledo in the best sense and extremely liberal to all who would invest in the soil and thus become permanently attached to the city. His offices are centrally located in the Boody House, and are headquarters for real estate investors in Toledo. A hearty welcome is here extended to all strangers and investigators of the attractions of Toledo, and all inquiries will be answered and information furnished to visitors. Correspondence is solicited from capitalists, investors, and those seeking a profitable and advantageous location for a home or industry, and to such is offered the full benefit of the sagacity, knowledge and business experience of the management.

NEWTON & CARTER.

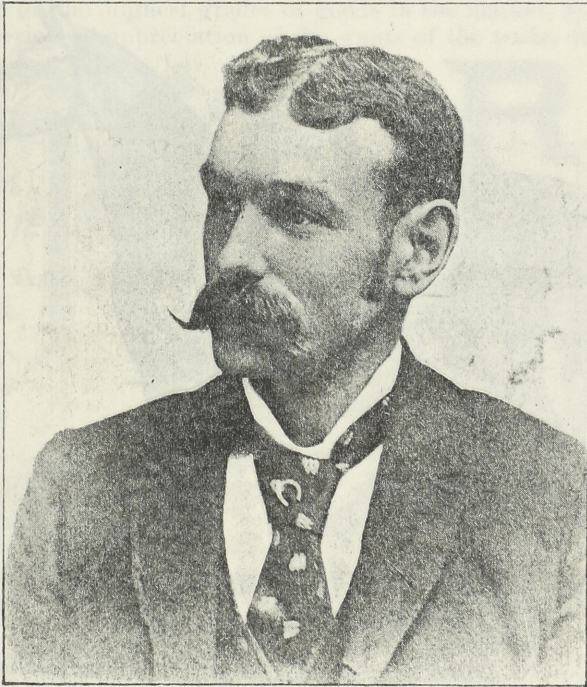
**Veterinary Surgeons, City Infirmary 435 and 437 St. Clair St.
County Infirmary, West Toledo.**

Apart from mere pecuniary gain the veterinary infirmaries established and conducted by Messrs. Newton & Carter in this city have done much in the cause of humanity towards that patient friend and servant of man—the horse. This enterprise was originally founded in 1877 by Dr. J. V. Newton, who is one of the best known veterinary surgeons in Ohio, the present firm having been organized in 1890, by associating with him Dr. O. J. Carter. Both gentlemen are graduates of the Ontario Veterin-



ary College at Toronto, Canada, which is everywhere recognized as the best college of the kind in the world, and both have since widely proved their complete knowledge of their profession. The firm are prepared with all facilities for the alleviation and cure of all diseases in horses. Their infirmaries are provided with commodious box stalls and paddocks, and horses sent to them from a distance will receive the best of care and treatment. The firm have had many valuable animals in their care, and they have gained golden laurels from all sources by their success in treating their horse patients for the various disorders with which they were afflicted. Dentistry and all surgical operations are skillfully performed by the firm, for which latter purpose they have the latest improved sur-

gical table by means of which operations are performed with the least distress to the horse and the greatest success. Much better care and attention may be given to sick and injured horses in an establishment of this kind than is possible in their own stalls, and as a result there is less liability of fatality. The firm have recently made a national reputation for themselves as well as for Toledo, among horse lovers and horse men generally, by the institution of a semi-annual combination breeders' sale of standard and trotting bred stock. These sales are held in the fall and spring, the first having been held in the fall of 1891 and the second in April, 1892. So great was the success of the first sale that no less than 150 head of standard and trotting bred horses were consigned to the firm,

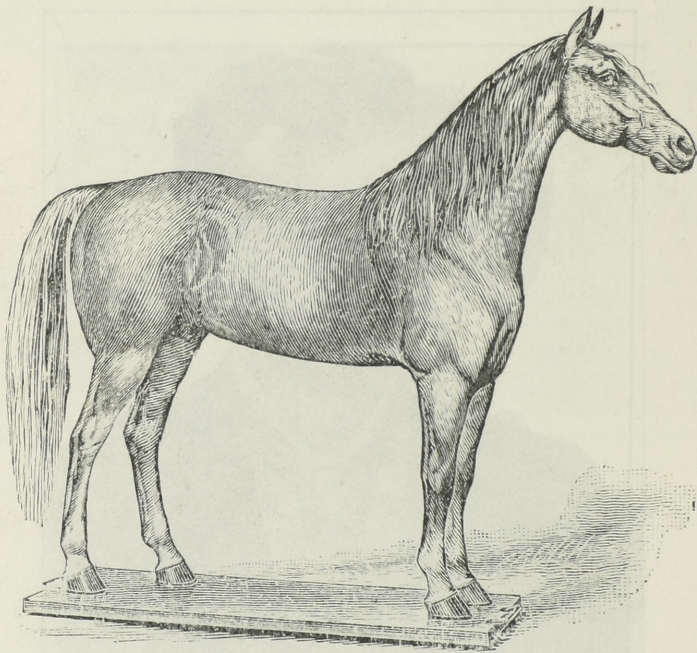


at the second sale besides numerous other roadsters, saddle horses, carriage teams, draft horses, etc., from the most noted breeders of the country. These sales are conducted in the most fair and honorable manner, both for the benefit of the breeder and the buyer, and all horses entered are pledged to absolute sale. Newton's Allie Wilkes, the property of Newton & Rundell of this city, has his home at Mr. Newton's stock farm, West Toledo. Allie Wilkes is a bay horse, foaled in 1881, sired by George Wilkes, 2:22; dam by Honest Allen, 2d dam by Lexington, sire of grandam of Sunol, Jay-Eye-See and other noted horses. Allie Wilkes is the sire of Rally Wilkes, 2:20 $\frac{1}{4}$; Biddy Donovan, 2:27; Laughbran, 2:29 $\frac{1}{4}$; Bessie II., 2:30; Bessie Wilkes, 2:50 $\frac{1}{4}$, and others. No stallion in the country gives better promise of becoming a noted getter of trotters.

HENRY SCHWEIBOLD.

**Manufacturer of Artificial Horses, 21 and 23 S. Erie Street,
Toledo, O.**

One of the most novel industries of Toledo is that of Mr. Henry Schweibold, who in the manufacture of artificial horses for display purposes and for signs occupies a unique position in the field of mechanical art, and has built up a national reputation for superior products. This enterprise was inaugurated in 1889, the patent on the manufacture of artificial horses being dated February 26, 1889. The facilities for production are embraced in two floors, each 60x120 feet in dimensions, which are fully equipped with all necessary appliances and furnish employment for a force of skilled workmen. The products embrace artificial horses, ponies and

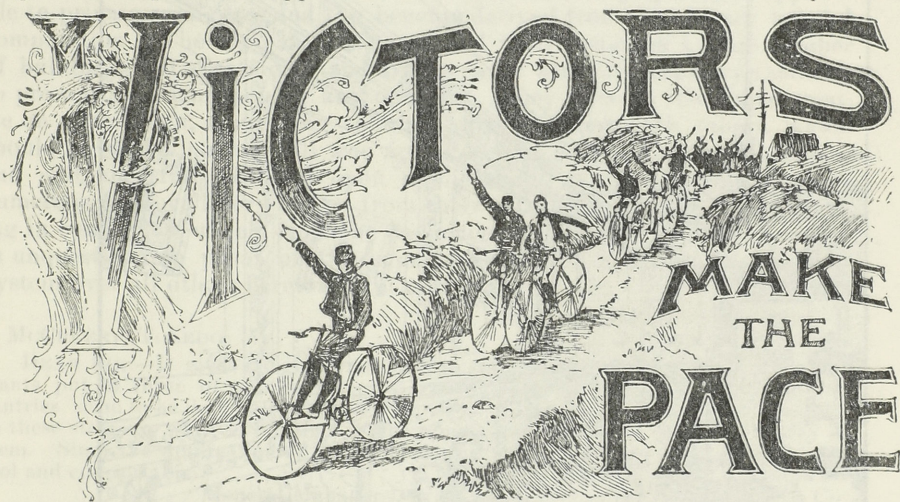


mules, made from *papier mache*, which is a material made from paper reduced to pulp, then moulded into the proper form, dried and hardened and coated with waterproof coating. The horses when complete weigh but 135 pounds. They are handsome and life-like in appearance, perfect in form, easy to handle and durable. They are made in any desired color with natural mane and tail, and the ears, tail and lower jaw are adjustable for harnessing. They are water and weather proof and may be used for out-door signs or for display purposes. These artificial horses are needed by every harness and carriage dealer, and hundreds of them are in use in all parts of the country, many firms having purchased from three to a dozen of them with which to display their wares. For exhibits at fairs or for store purposes these horses pay for themselves within a very short time by increasing sales. Mr. Schweibold is the inventor of these horses and practically supervises their construction. They are by far the lightest, strongest and most attractive artificial equine animals ever produced and should be in the hands of every carriage and harness dealer in the country.

THE CHAPMAN HARDWARE COMPANY.

**Hardware, Stoves, Bicycles, Cutlery, Etc., 515 and 517
Adams Street.**

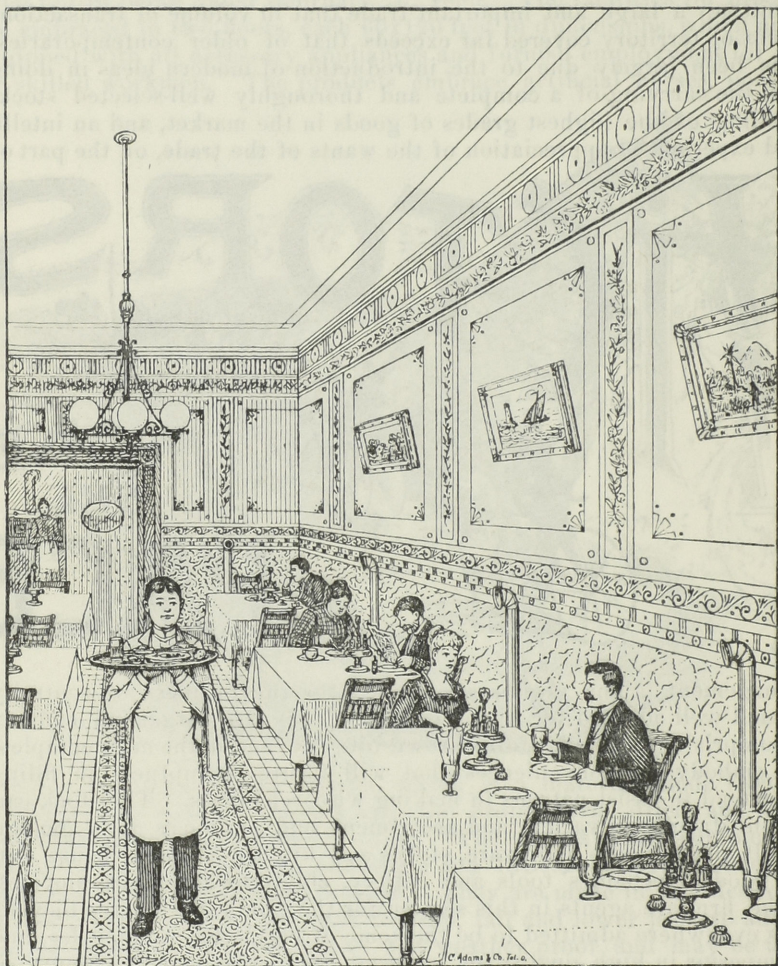
The last few years have signally marked an increase in the facilities provided by the leading houses of Toledo, especially in those branches pertaining to the hardware trade, and this fact is exemplified by the extent and growth of the enterprise of the Chapman Hardware Co., whose business has been so conducted under its present progressive management, as to have built up a large and important trade that in volume of transactions and extent of territory covered far exceeds that of older contemporaries. This has been largely due to the introduction of modern ideas in doing business, the carrying of a complete and thoroughly well-selected stock, the handling of the highest grades of goods in the market, and an intelligent and experienced appreciation of the wants of the trade, on the part of



the management. The premises occupied for the business are centrally located and well adapted for the business. They are large and commodious, comprising a double store thrown into one, and in the most complete manner embody all conveniences that will insure promptness in filling orders or tend to assist patrons in making wise selections. The stock carried is multifarious in variety and assortment, and embraces in a general way, shelf and builders' hardware, stoves and kitchen utensils, house furnishing goods, mechanics' tools and cutlery, childrens' carriages, bicycles, etc. The firm are agents in this section for the celebrated Victor bicycle, which is everywhere admitted to be the acme of perfection in bicycles, and has no superior in high quality of material and workmanship, beauty of finish, novelty of style and design, and general excellence. The Victor is better this season than ever before, and fully maintains the lead it has always had over all other safety bicycles. The Chapman Hardware Co. are the largest dealers in bicycles in Toledo, and their stock of Victors embraces all the various styles, including the pneumatic tire bicycles. The officers of the company are Messrs. Wm. C. Chapman, president, Harry M. Chapman, vice-president, and Frank H. Chapman, secretary, treasurer and general manager, who enjoy a wide experience in the hardware trade and thoroughly understand the requirements of this market.

THE McCREERY VENTILATING CO.**Toledo, O.**

It has been reserved until the present day, and the McCreery Ventilating Co. of this city, to offer the public a system of ventilation which, while recording the faults of all other so-called ventilating systems, has adopted as its first principle the removal of foul air and replacing it with atmosphere taken from a height that insures its purity. The McCreery



system of ventilation is adapted for use in steamships, hotels, theatres, halls, schoolhouses, restaurants, laundries, manufactories, stores, basements, cellars, etc., and is warranted to give satisfaction wherever used. The effect of its use is the complete exhaustion of the foul air of any apartment, and its replacement with pure cool air in summer and pure warm air in winter, rendering such apartment healthful, sweet and dry, and entirely fit for habitation or the storage of any kind of goods. Briefly, the system consists of conducting, by the use of a fan or blower,

a column of pure cold air, from far above the buildings, above the smoke of the chimneys, above the offensive odors that pervade the streets and alleys, down through a galvanized iron pipe, and then forcing it through service pipes and delivering it to any part of the apartment desired, in large rooms, factories, laundries, theatres, etc., exhaust pipes are used to conduct the foul air out of the building. In winter the cold air pipe may be connected with the heater and the air warmed before being distributed. Electric, steam or water motors are used to operate the fans, and the volume of air can be easily regulated up to the capacity of the blower and the power of the motor. The McCreery system is the only one in which the air is taken from above, all others either obtaining their supplies of air from near the earth or using the same air over and over again, or in other words simply creating a circulation of impure and foul air, which not always being easily detected by the odor, lulls suspicion while doing its not less deadly though slow execution. The McCreery system is applicable to private residences and the benefits derived from its use are beyond computation. The company have installed their system in a large number of buildings and apartments and are prepared with all necessary facilities to promptly fill contracts in any number. They issue an illustrated treatise on ventilation, comparing their improved system with others, which should be in the hands of all who are interested in this most vital subject, and will cheerfully forward upon application. While the company has numerous commendatory letters from their patrons, we append the following in conclusion, which, from the eminence of the writer, will be accepted as unquestionable proof of the superiority of the McCreery Ventilating System over all others heretofore in use:

DETROIT, MICH., July 20, 1891.

J. MCCREERY, TOLEDO:

DEAR SIR:—It gives me great pleasure to state that your Pure Air Ventilating plants put in three of our steamers to ventilate their dining-room, kitchens and pantries, seem to be doing all that you promised. Formerly the kitchen and pantries on these steamers were so hot that it was almost impossible for our help to stay in them. Since the application of your ventilating apparatus, they are comparatively cool and comfortable.

D. CARTER,

General Manager Detroit and Cleveland Steam Navigation Co.

WACKER & JACKSON.

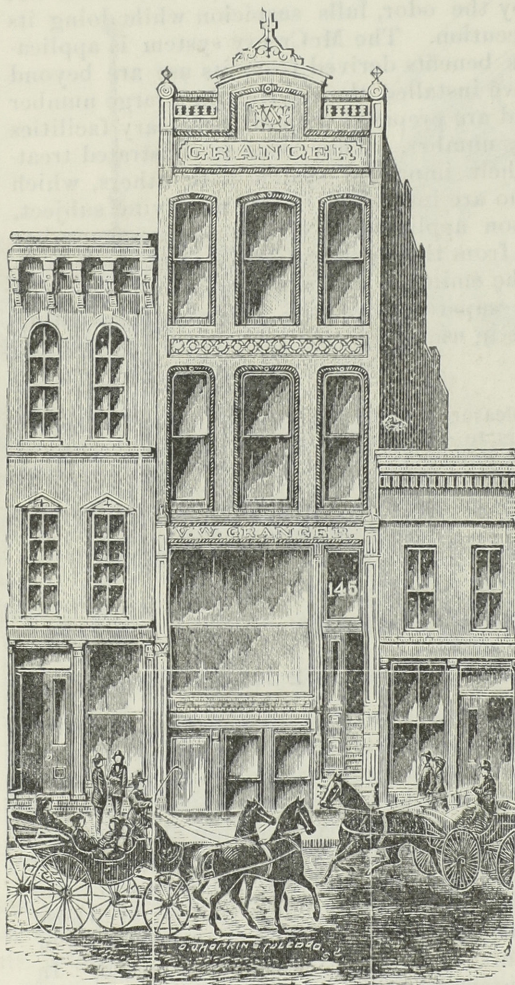
Plumbers, Steam and Gas Fitters, 342 Huron Street.

This enterprise is one of the later accessions to the industrial resources of Toledo. It was established January 12, 1891, and at once took a prominent position in the trade, to which it was entitled by reason of its experienced, practical management, enterprising and pushing methods and unexcelled facilities for promptly and satisfactorily executing all contracts. The firm make a specialty of sanitary plumbing and ventilating, which they perform after the most scientific modern methods. They use only the best materials, and none but skilled workmen are employed, all of whose operations are conducted under the personal supervision of the members of the firm, with the result that only first-class work is accomplished. In steam and gas fitting, the firm is prepared to do equally satisfactory work and estimates are promptly made for anything in their line. Repairing is also attended to at reasonable prices. The firm carry a full and complete stock of plumbers' supplies and materials, and steam and gas fittings, including sanitary closets, bath tubs, basins, sinks, etc., exhibiting, perhaps,

the finest selection and most improved of the modern appliances to be found in the city. The trade of the house is chiefly local and they have executed the work in many of the newly erected buildings of the city, references to owners being furnished upon application. The members of the firm are Messrs. Wm. G. Wacker and Geo. A. Jackson, both of whom are thoroughly practical workmen. They are both young men, full of push and energy, and have met with a success that entitles them to the esteem and consideration of all with whom they have had business relations.

V. W. GRANGER.

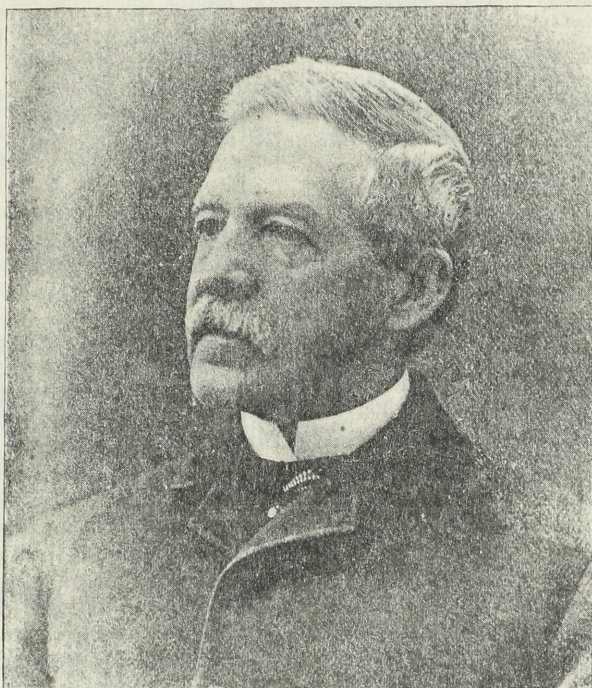
Importing Tailor and Fine Woolen Draper, 305 Summit St.



The oldest established and most prominent tailoring establishment in Toledo is that of Mr. V. W. Granger, which, for over forty years, has enjoyed the highest reputation for the taste and skill evinced in the production of artistic garments for gentlemen. Well-fitting, well-made garments in these modern days have become essentially a necessity, and nowhere in Northern Ohio can such be obtained in greater perfection than from this establishment. At the above indicated address, are the headquarters of the business, consisting of the entire second floor of the four story building, 25x150 feet in dimensions, which is owned and was erected by Mr. Granger for the business. The salesroom is expensively and attractively appointed, and lighted from the front by large plate glass windows, which present from the outside, as well as the inside, an air of elegance and good taste well in accord with the fine trade that makes this house its resort when requiring first class outer garments. Three superb mirrors, which cost

\$1,500 each, and elegantly carved solid walnut fixtures, impart solidity and beauty to the interior, and the expensive variety of fine imported fabrics shown here furnish opportunity for choice not obtainable elsewhere in the city. Mr. Granger imports his goods direct from the manufacturers in

Great Britain and Europe, and selects them with a judgment which long years of practical experience bestow. They include all the latest novelties in fine suit patterns and staple goods, and they are made up in the most durable and stylish manner, under the personal direction of the proprietor, who is a practical cutter and tailor. During his residence here, Mr. Granger has attained the highest reputation, with the best dressed men of Toledo, as a first class tailor. He thoroughly understands what is required to con-



stitute a gentleman's elegant and fashionable attire, and, for fit, style, quality and workmanship, the productions of this house cannot be excelled; at the same time, the prices demanded are distinguished by features of fair dealing which are the means of cementing pleasant and satisfactory relations. With an honorable record of forty-three years' duration, the future career of this establishment may be predicted to be as successful as its merits so fully entitle it.

HOTEL HAMILTON.

J. B. Frantz, Proprietor, corner Madison and Superior Sts.

The tide of travelers which brings up at Toledo will find no better place to drop anchor than at the cosy and comfortable Hotel Hamilton, which, under its present management, has secured a place in the esteem of tourists and travelers second to no other hotel in Ohio. This hotel, which is the newest one in Toledo, was first opened to the public in 1888, and came into the possession of Mr. J. B. Franz in 1890, since which time it has been largely refitted, new and important additions have been made to the accommodations, and it has been placed upon a first-class basis in all

respects. The house grows in popularity with the traveling public daily, and no house in the city has enjoyed so great an increase in patronage within the last two years as has the Hotel Hamilton. Spacious and convenient sample rooms are at the disposal of commercial agents, all modern conveniences and accommodations are provided. The tables are beautifully spread and the most exacting can find an ample variety of substantials and luxuries, and the *cuisine* and service are both excellent and satisfactory. The proprietor, Mr. J. B. Franz, is an experienced hotel man, and was formerly for many years a travelling man, hence his acquaintance with the "Knights of the Grip" is an extended one. He certainly knows how to keep a hotel, which fact any one will demonstrate by a single day's sojourn under his hospitable roof. The rates are but \$2.00 per day, and the omnibus line connects with all out-going and in-coming trains. On his next visit to Toledo the reader is commended to stop at the Hotel Hamilton.

CRAIG SHIP BUILDING COMPANY.

Toledo, O.

In no branch of mechanical art has great advance been so beautifully demonstrated within late years as in ship building, and a significant illustration of this fact is found in the results accomplished by the Craig Ship Building Co. of this city. The Craig Ship Building Co. is the outgrowth of a similar enterprise originally instituted at Trenton, Mich., and successfully carried on by John Craig & Son. From the inception of the business it was pursued with such enterprise and industry, coupled with the highest aims of perfection of product, that it annually increased in reputation and extent of operations, until it had far outgrown the facilities of its location. In 1890 it was removed to Toledo, as a site offering the greatest advantages of transportation facilities, abundance of skilled labor, contiguity to sources of supply for raw materials and easy communication with the trade. The company's plant is commodious, well situated for the business in hand and of important dimensions. It covers fourteen acres of ground and has a river front of 800 feet. The mechanical equipment, appliances and accessories are all new and of the latest improved character, placing the establishment on an equal footing with the most advanced concerns of the kind on the great chain of lakes. The importance of the enterprise to the general thrift of Toledo is evidenced by the fact that employment is furnished to 150 skilled workmen, and the facilities of the company are such that they can turn out ten large vessels annually. The company build wood, iron, steel and composite vessels of the largest character available for lake purposes, and besides many and various vessels built by them for commercial purposes, they have also built Light Ships for the United States government. That the vessels of this company are all that may be rightfully demanded of them is evidenced by the steady and continued growth of the enterprise, and are such as can only be produced by concerns having all facilities and managed by men of large practical experience and executive abilities of a high order. The patrons of the company are to be found in all lake ports. The officers of the company are Messrs. John Craig, president and treasurer; Geo. L. Craig, vice-president and superintendent, and John F. Craig, secretary, all gentlemen of long experience in the business, to which they give their close personal supervision.

SOUTHWORTH & CO.**Commission Merchants, Grain and Seeds, 36 and 37 Produce Exchange.**

The favorable location Toledo, its accessibility from the principal producing sections and its unsurpassed transportation facilities by lake and rail give this city great advantages as a grain distributing center. These advantages have been fully embraced by enterprising merchants, among whom Messrs. Southworth & Co. occupy a leading position. This firm was organized in 1889, its individual members being Messrs. E. L. Southworth, G. B. McCabe and Geo. A. White, all of whom are thoroughly conversant in all the details of the business and possess a full knowledge of the wants of the trade, acquired by long previous experience. The firm are members of the Produce Exchange and they both buy and sell grain and seeds on commission from all the leading markets in the country, and operate on the Exchange. They have correspondents in the producing sections and also at the seaboard, and they transact a large and annually increasing business. They solicit the largest, as well as the smallest, consignments of grain and seeds, to which they give marked attention, guaranteeing quick sales and prompt returns at highest market quotations. The firm enjoys a high reputation for fair and honorable dealing and progressive methods, and business relations with them are sure to result in the utmost satisfaction to parties concerned.

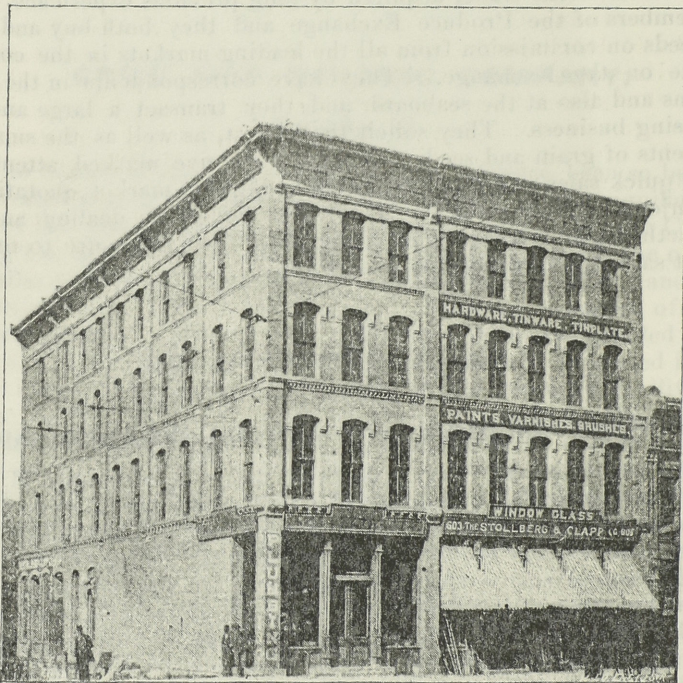
M. J. COONEY & CO.**Carriage Manufacturers, 426 and 428 Huron Street.**

For over a quarter of a century the enterprise of Messrs. M. J. Cooney & Co. has occupied a leading position in the carriage building industry of Toledo, and though the trade of the house is largely confined to the supply of local customers, without any special effort on the part of the firm, their carriages are in active demand throughout the northwestern counties of Ohio and southern Michigan. The facilities of the firm embrace a three-story building 50x150 feet in dimensions, which is fully equipped with all necessary tools and appliances and furnishes employment to from 30 to 35 skilled workmen. The products of the house embrace a general line of fine family carriages and road buggies, which are largely made to order, and are built of the very best materials, by skilled workmen under the personal supervision of the firm, and are thoroughly first-class in all respects. In the repository on the first floor of the factory the firm carry in stock a complete line of their products, from which selections may be made, every vehicle being fully warranted to be exactly as represented. In fact, the firm do not manufacture any poor carriages, and while the prices named are not at all extravagant and are as low as is compatible with good quality, no attempt is made by the firm to compete with cheap machine-made carriages. This enterprise was inaugurated in 1865, by Mr. M. J. Cooney, who is a practical iron-worker, and the present firm was organized in 1867, by the admission of Mr. James D. Reid, who is a practical carriage wood-worker and designer of carriages. Mr. Cooney is also one of the projectors and proprietors of the McCreery Ventilating Co. of this city.

THE STOLLBERG & CLAPP COMPANY.

Wholesale Hardware, Paints, Oils, Glass, Etc., Cherry and Huron Streets.

The remarkable growth and present prominence of the enterprise of the Stollberg & Clapp Co. is an important feature of the trade resources of Toledo. This house was founded in 1880 by Mr. John Stollberg, its resources and influence being of the most modest character. With an energy rarely equaled, however, Mr. Stollberg pushed it to the front, annually increasing its scope of operations and extending its trade until it soon made its power felt in the trade and commanded the respect and esteem of the whole community. In 1881 the firm of Stollberg & Kuhlman was



formed, and in 1886 Stollberg, Clapp & Briggs, who were succeeded in 1889 by Stollberg & Clapp. The operations of the firm had now grown to such proportions, and steadily increasing each season, it was deemed advisable to incorporate it, which was done in 1891 by the organization of the present company with Mr. John Stollberg, its founder and leading spirit, president, Frank Harrison, vice-president, and C. D. Clapp, secretary and treasurer. The latter gentleman, who is the financier of the business, was formerly a journalist at Albany, N. Y., and has injected into the business policy of the house the progressive methods adopted by the newspaper fraternity of the country. The operations of the company embrace the sale of general hardware, window glass, French and American plate glass, tinware, cutlery, paints, oils, varnishes, etc., at wholesale and retail, four traveling salesmen being employed, who cover the territory

included in Ohio, Michigan and Indiana chiefly, where the company is recognized by the trade as a favorite source of supply for the goods named. The company are the largest dealers in window and plate glass in this section, and in all lines of goods they enjoy the most modern facilities and advantages. The headquarters of the firm are comprised in a four-story and basement building, 50x90 feet in dimensions, besides which they utilize warehouses for storage purposes as the exigencies of the season require, thirty assistants being employed in the various departments of the business. Mr. Stollberg is also prominently connected with other important enterprises of this city, and is closely identified with the industrial and commercial advance of Toledo. He is the manager of the Stollberg Manufacturing Co., manufacturers of the Woodruff Eave-trough Fasteners and jobbers of tin plate, vice-president of the Goodsell Manufacturing Co., manufacturers of doors, sash, blinds and mouldings, president of the Toledo Tinware Manufacturing Co., a director of the Toledo Window Glass Co., of which Mr. E. D. Clapp is secretary and treasurer, and secretary of the Builders' Exchange. He is still a young man, in the prime of his usefulness, and though one of the busiest business men of Toledo, is always ready to devote his time to any enterprise that promises benefit to the city in which his interests are centered. The past record of honorable and fair dealing attained by the Stollberg & Clapp Co. is but an earnest of its future achievements, and no man may predict the limit to which it will reach in the van of its trade among the great business establishments of Ohio.

CRAY & ROOD.

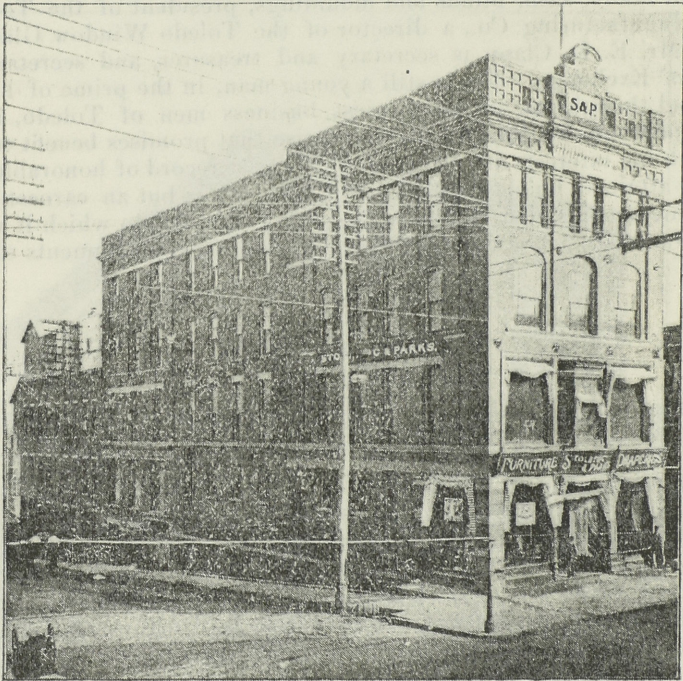
Iron and Steel, Wagon and Carriage Hardware, Etc., 412 and 414 Summit St.

The extensive enterprise of Messrs. Cray & Rood is one of the oldest and most prominent exponents of the wholesale trade of Toledo. It was founded in 1864, and has grown and developed with the commercial progress of the city, until to-day it enjoys a widespread trade extending throughout Ohio, Michigan, Indiana and Illinois, and which is annually increasing in volume. The premises utilized consist of a building having five floors 30x120 feet in dimensions. The office and shipping rooms occupy the first floor and basement, and the remaining floors are used for storage. Here may be found one of the largest stocks of goods in the State, embracing merchant bar and band iron and steel, heavy hardware, wagon and carriage hardware, blacksmiths' and carriage makers' tools, sheet metals, wagon and carriage wood work and trimmings, nuts, bolts, chains, etc. The firm act as agents for a number of specialties of a high class, and many of their goods are received in car-load lots direct from the factories, enabling them to fill the largest orders promptly and at the lowest prices. The individual members of the firm are Messrs. W. H. Cray and A. E. Rood, both energetic, progressive and esteemed business men, who devote their efforts to afford patrons the most advanced accommodations. Mr. Rood is also engaged in the manufacture of harness. The firm is represented to the trade by a number of traveling salesmen. The enterprise is a leading factor in the commercial advance of Toledo, and has done its full share to attract to this city that share of trade to which its unsurpassed shipping facilities so fully entitles it.

STOLBERG & PARKS.

Manufacturers and Dealers in Furniture and Upholstery Goods, Etc., corner Summit and Adams Streets.

Toledo, highly favored in many ways, is no more so than in the number and high character of her leading furniture companies, among which, that of Messrs. Stolberg & Parks is one of the largest and most prominent. This house was established in 1888, and enjoys a large and growing patronage that extends throughout Ohio, Indiana and Michigan, and, to a considerable extent, to all parts of the country. The firm's premises are comprised in a handsome and commodious building having five floors, each $39\frac{1}{2} \times 130$



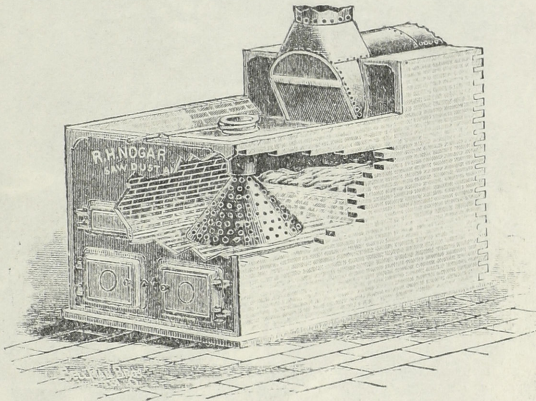
feet in dimensions, a three story building, 60×70 feet, and a four story building, 60×70 feet, the whole forming an establishment not surpassed by any other single house in Ohio. The firm manufactures furniture to order, and also do their own upholstering work on the premises, and they carry a very extensive stock of fine and medium furniture of all descriptions, which is procured direct from the leading manufacturers of the country in large quantities and is offered at prices not easily obtainable elsewhere. The important feature of the facilities of the house is in their department devoted to lace curtains, portieres, wall hanging and draperies, which is in charge of an expert decorator, and embraces the largest and finest assortment of these goods to be found in this section. Upholstering goods is another specialty, and selections may be made from the piece goods, from which furniture will be upholstered and finished in the most modern and

beautiful style of the art. Thirty-five salesmen and artisans are employed in the establishment, and every accommodation and courtesy are shown to customers that modern business methods have made possible or progressive ideas originated. Though fine and artistic furniture forms a large part of the stock carried, the prices named are very reasonable and no higher than are frequently named for inferior productions elsewhere. The members of the firm are Messrs. Fred J. Stolberg and J. L. Parks, who stand among the most prominent men of Toledo, and who are to be congratulated upon the important success they have achieved in this line of trade.

EAGLE FOUNDRY.

Albert Cooke, Proprietor, 214 and 216 Locust Street.

A representative establishment of this kind here is that of Mr. Albert Cooke, which is well known to the trade as the Eagle Foundry. The plant consists of a foundry and other suitable building, 66x85 feet in dimensions, as well as ample yard room for storing raw materials. The equipment embraces a cupola and all other necessary machinery and appliances, in-

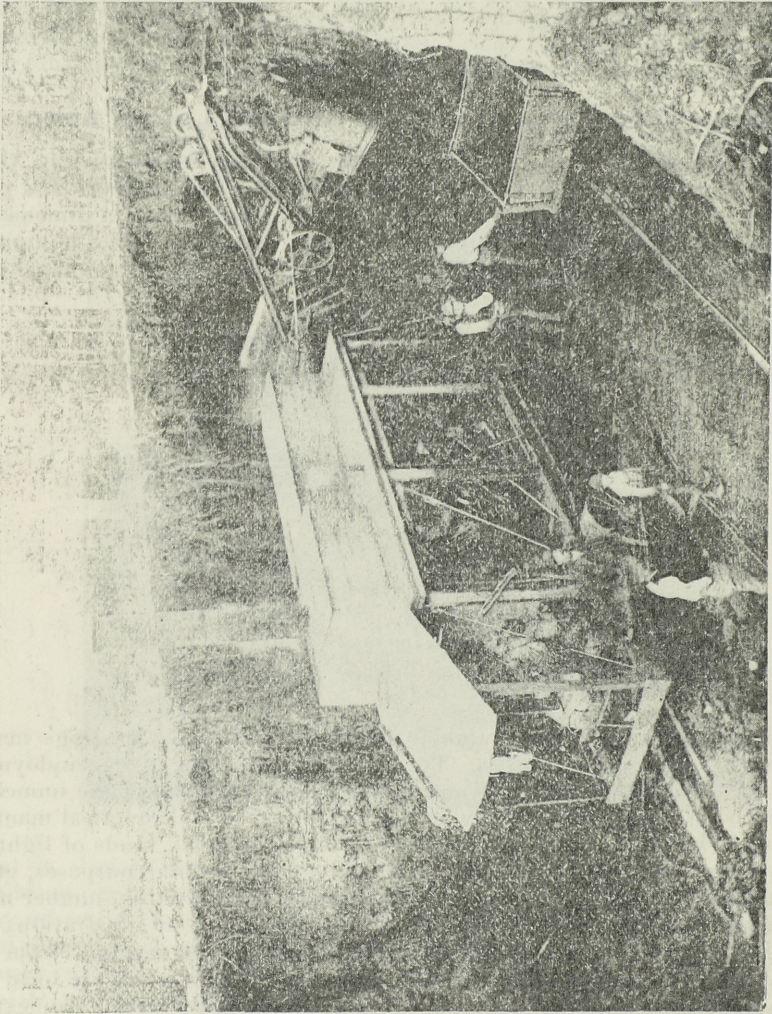


cluding a large variety of valuable patterns, from which castings may be made upon the shortest notice. Ten skilled workmen are given employment, and all the operations of the business are conducted under the immediate supervision of the proprietor, who is an experienced and practical manufacturer. The products of the Eagle Foundry embrace all kinds of light and heavy iron castings for bridges, machinery, architectural purposes, etc., a specialty being also made of saw-dust burners for saw-mills, lumber manufacturers and others, of which the accompanying cut is an illustration. All work is accomplished in a thoroughly satisfactory manner, and from first-class materials. The trade of the house, while being largely local with manufacturers, builders and others requiring cast-iron work, also extends throughout a large part of Ohio and Michigan, and is annually increasing in volume. Mr. Cooke is an enterprising and progressive business man, and is closely identified with the growth of this city. He established his business in 1879 and has since conducted it in such a manner as to command the attention of the trade. Like the lofty bird from which it takes its name, the Eagle Foundry gives every promise in the future to continue its useful course "Onward and Upward."

THE VULCAN IRON WORKS COMPANY.

Founders and Machinists; Office 5 Lagrange Street.

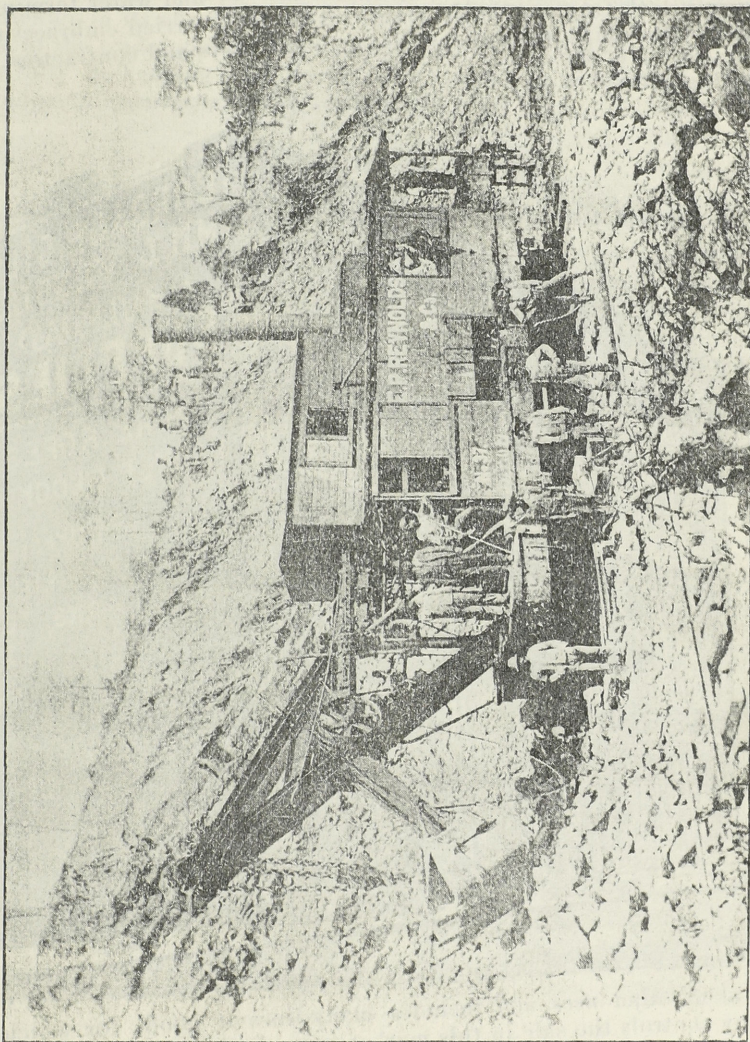
The Vulcan Iron Works were originally established in 1870, the present title of the company having been recently assumed, upon its incorporation in 1889. The works have long been ranked as among the most extensive of the kind in this section, and they are provided with every facility for the manufacture of all descriptions of machinery, railroad ex-



Represents one of the Vulcan Iron Works Co.'s "Little Giant" Steam Shovels digging iron ore in Alabama.

cavators, dredges, marine, hoisting and stationary engines, foundry, rolling mill and dock cranes, brass and iron castings, etc. The plant is embraced in a large brick structure, with suitable minor buildings, the whole being equipped with late improved labor saving machinery of all kinds necessary for the work in hand, power being obtained from two steam engines, and employment being furnished to an average of seventy-five skilled workmen. The company make a specialty of railroad and contractors' excavators, pile

drivers and dredges, as well as hoisting engines, and they have achieved a high reputation for the excellence of their products in this line. Their machinery is in use in all parts of the country, and the trade of the company is annually increasing in volume. It would be impracticable in an article of this character to enter minutely into a description of the various products of the company, it must suffice here to say that they all are remarkable for strength, durability and efficiency, and those interested will



Represents one of the Vulcan Iron Works Co.'s "Giant" Steam Shovels
in a solid rock cut at Clifton Forge, Va.

do well to correspond with the company, full information, estimates, prices, etc., being promptly furnished upon application. The management of the business is vested in the hands of gentlemen of experience, ability and progressive ideas, who have thoroughly systematized and extended the operations of the enterprise, placing it on a par with any others of its kind here or elsewhere. The Vulcan Iron Works Co. is a most important feature of the industrial activity of Toledo.

THE M. I. WILCOX CORDAGE AND SUPPLY CO.

210 and 216 Water Street.

The enterprise of the M. I. Wilcox Cordage and Supply Co. is one of the most important of its kind along the chain of lakes, and is also one of the oldest and best known, having been continuously conducted here since 1854, the present organization having been incorporated in 1886. Its facilities embrace an extensive warehouse and salesrooms, conveniently located in the immediate vicinity of all railroad and water terminals, and having a dock frontage on the river. The stock carried embraces supplies generally for ships, railroads, mills, manufacturers and contractors, as well



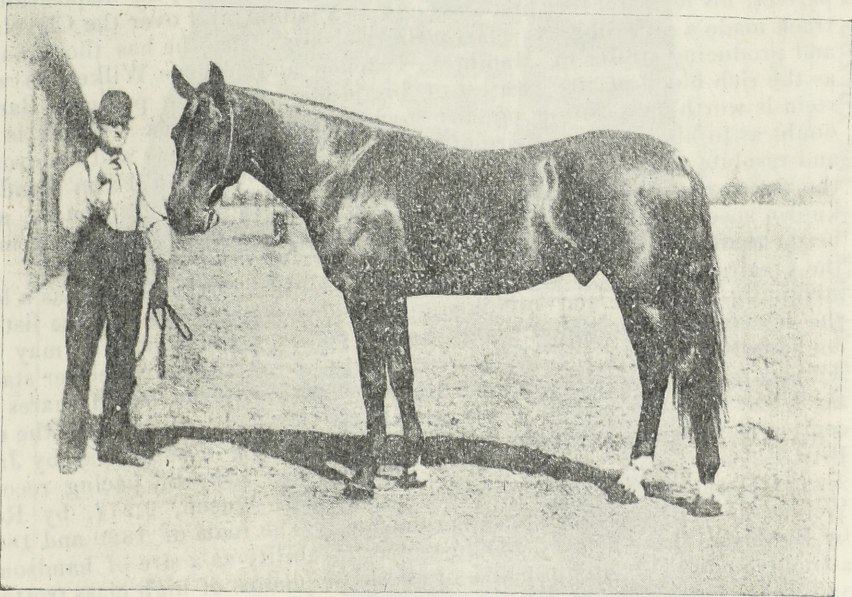
as for many other uses, and includes many lines of goods for which the company controls the sale in this market, notably the Boston Belting Co.'s Rubber Hose and Belting, Lord's Boiler Compound, Garlock Packing Co.'s Ring and Spiral Packing, Druid Mills Canvas and Cotton Duck, the Sterling Emery Wheels, Plymouth Cordage Co.'s Rope, Binder Twine and Lath Yarn, and Southwick's Polar Bear Belt Dressing. The house is headquarters for cordage, oils, twines, cable chains, wire rope and tackle blocks, refined asphalt and natural asphalt, roofing and roofers' supplies,

sheathing board and building paper, cement, files, emery wheels, patented packings and engineers' supplies. They are large manufacturers of sails for vessels, banners and flags, tents and awnings, horse and wagon covers, tarpaulins and canvas and duck goods generally, and a force of skilled workmen insure promptness in the manufacture of anything in this line. The trade of this house is widely diffused throughout Ohio, Indiana and Michigan, and to all lake ports, where it is recognized as the leader in its line. The management of the business is progressive, enterprising and indefatigable in its efforts to reach the acme of perfection in its accommodations to the trade, and it offers all customers the most favorable inducements, fully in keeping with its enviable reputation as one the oldest and most influential concerns of the kind in Ohio.

THE KETCHAM FARM.

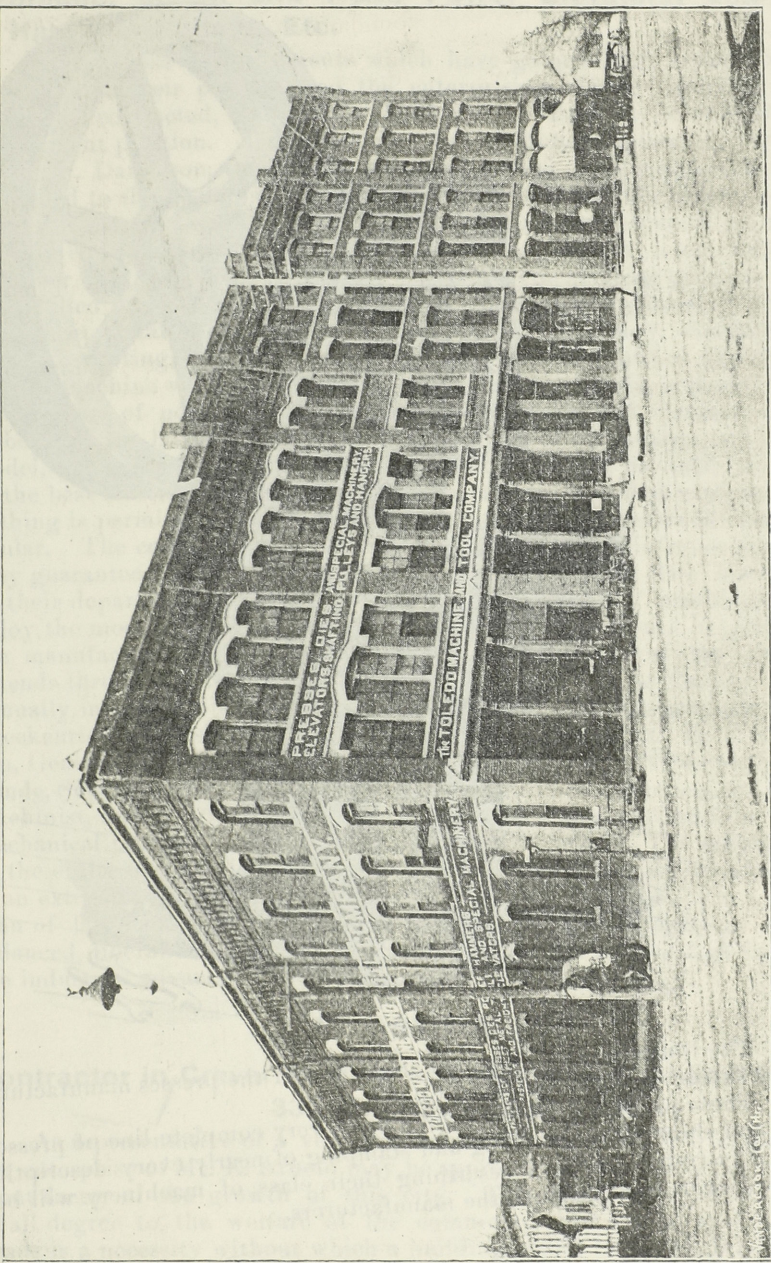
George H. Ketcham, Office 312 Summit Street.

The breeding of American standard trotting horses has come to be an important industry of late years, and has been found one fully worthy the attention of the most acute business men as well as lovers of the noblest of all animals. Toledo is to be congratulated upon the possession of an enterprise devoted to the improvement and maintenance of speed and per-

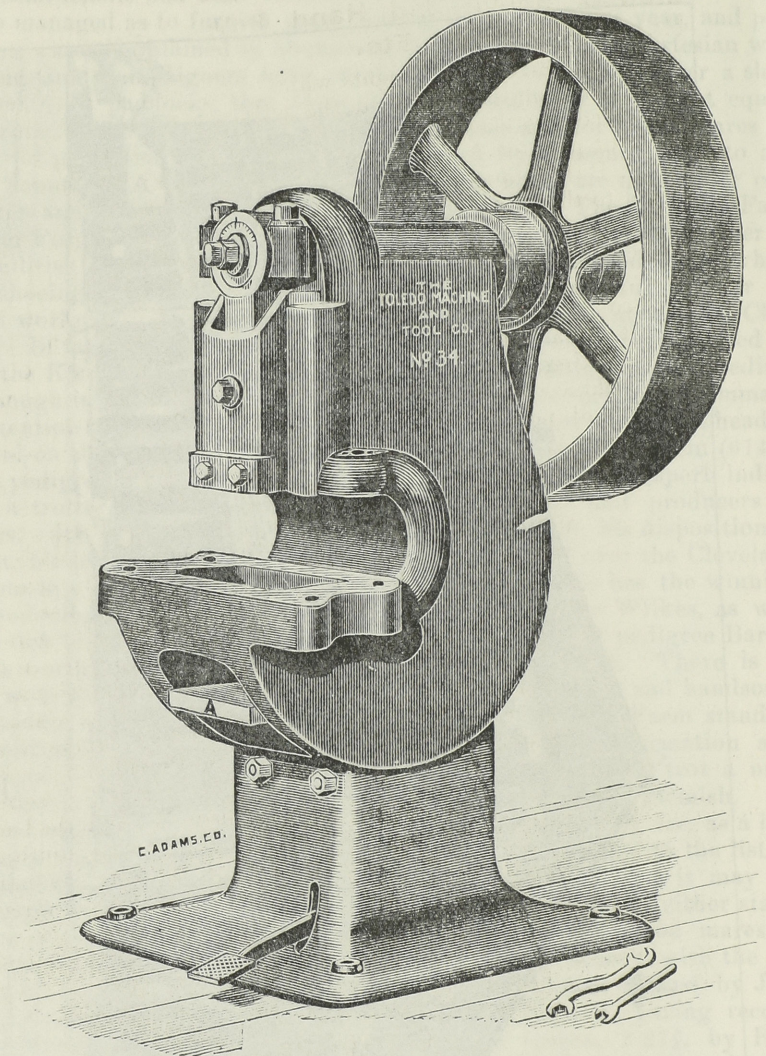


fection in American horses, and one too that gives every promise of becoming one of the most noted of its kind in the country. The Ketcham Farm was instituted as a stock farm in 1890 by Mr. George H. Ketcham, who is a gentleman of large business interests in Toledo. The farm is one of the largest of its kind in the world and has already attained the proud distinction of having in its list of animals the largest amount of developed speed of any stock farm in the country. It has been provided with every modern convenience and facility that could in any manner aid in the de-

velopment of success. It comprises a tract of 1,600 acres, the soil being a sandy loam, peculiarly adapted to stock raising, being light and elastic. It is provided with fifty paddocks of three acres each, and each paddock has a comfortable box stall sixteen feet square. The pastures are ample and so managed as to furnish good grazing throughout the year, and pure running water is obtained in abundance from a never failing artesian well. Old and tired campaigners have recovered form so rapidly after a short sojourn in its paddocks, that their owners consider it a perfect equine sanitarium. The barns for the training of horses and for brood mares are models of perfection and have been pronounced by horsemen equal to any in the country. A half-mile track and a public house are now under construction and will be ready for use the present season. The Ketcham Farm Shoeing Forge, under the management of George Blessing, is another of the facilities of the enterprise, and is a perfectly equipped forge where horse-shoeing is executed in the most scientific and careful manner by skilled workmen. It is located in the center of the city at 419 St. Clair street. In fact, in no single particular has any expense been spared to make the Ketcham Farm a power in the world of trotting horse breeding, and though in but its third season, its engagements are such as to command the attention of leading horsemen throughout the country. At the head of the stud on the Ketcham Farm is the Wilkes stallion Baronstein (6149), whose pedigree is one of the richest in the register; he is a superb individual; a trotter, and comes from a family of trotters and producers of trotters. He is a brown-black horse, 15½ hands high, his disposition is perfect, his legs and feet first-class and at a public trial over the Cleveland track made a mile in 2:21. His pedigree shows that he has the winning and producing strains of Mambrino Patchen and George Wilkes, as well as the rich blood of the greatest of brood mares, and on pedigree Baronstein is worthy a position on any stock farm in America. There is no doubt as to his future as a sire of game and speedy trotters and handsome and resolute roadsters. The brood mares of the Ketcham Farm stand in the front rank on the score of soundness, pedigree, conformation and known speed. Without exception, all of the twenty-two can trot a mile better than 2:40, and all are perfectly sound and free from blemish. As the great majority of them were selected for roadsters, they are, as a lot, strikingly handsome and intelligent. No mare will be added to the list of the Ketcham Farm brood mares, unless perfectly sound, and it may be confidently predicted that the produce of the farm will prove either stake winners or roadsters of the very highest class. All the brood mares of the Ketcham Farm will be mated with Baronstein this season, with the exception of one, Lizzie Charp, by Strathmore, who is now in foal by Jay Bird. Among the brood mares of the farm are Lucy B., pacing record 2:22¼; Morea, 2:24½, by Electioneer, and Red Queen, 2:27¾, by Red Wilkes, as well as others equally promising. The foals of 1890 and 1891 by Baronstein have already demonstrated his ability as a sire of handsome attractive colts, that give promise of all the requisites of high class trotters and whose fine breeding insures value when developed. For the present season Baronstein is limited to fifty mares. Mr. George H. Ketcham is a life-long resident of Toledo, and to few men within her limits is the city more indebted for generous, public spirited support of all measures calculated to advance her welfare. No other locality offers greater advantages to the breeder of fine horses than does this one, and there is no reason why Toledo should not in the future become the Mecca toward which all horse buyers should wend their way.



FACTORY AND OFFICE OF THE TOLEDO MACHINE AND TOOL CO.



The illustration on this page shows one of the presses manufactured by The Toledo Machine and Tool Co.

These people are now bringing out a very complete line of presses for bar and sheet metal punching and stamping of nearly every description.

Illustrated circulars describing their class of machinery will be furnished upon application to the manufacturers.

THE TOLEDO MACHINE AND TOOL CO.

Manufacturers of Presses, Dies, Special Machinery, Hydraulic, Steam and Hand Power Elevators, Shafting, Hangers, Pulleys, Etc.

Among those establishments which have gained high repute for the perfection of their product, and the enterprising manner in which their business is conducted, The Toledo Machine and Tool Co. is entitled to a prominent position. This enterprise was instituted September, 1888, by Mr. G. F. Danielson, the present company having been incorporated, and succeeded to the business January 1, 1891. The works are comprised in a three-story and basement brick building 40x110 feet in dimensions, which is fully equipped with all necessary machinery of the latest improved character, and operated by steam power, employment being given to about fifty skilled mechanics. The products of the company consist of presses, dies, sheet metal tools, automatic and special machinery, elevators, fire escapes, shafting, hangers, pulleys, gold, silver and nickel plating, and general machine work of all kinds. The specialty of the company is the manufacture of power presses and sheet metal tools and elevators, which embody all the latest improvements in this class of mechanism, are of fine model, rapid in execution and strongly built. All the products are made of the best materials in the market, and by the most skilled workmen, and nothing is permitted to leave the works that is not first-class in every particular. The company makes no effort to compete with inferior work, but they guarantee to give full value to all who desire high class machinery. In their department for the manufacture of their class of machinery, they enjoy the most advanced facilities and solicit correspondence in relation to the manufacture of anything in their line. The trade of the company extends throughout the United States generally, as well as Canada, and is annually increasing in volume. The officers of the company are E. P. Breckenridge, President; A. D. Stewart, Vice-President; G. F. Danielson, General Manager; E. A. Phillips, Secretary and Treasurer; H. J. Hinde, Superintendent of factory. Mr. Danielson is a practical and expert machinist, and of great inventive capacity, and his contributions to the mechanical progress of the country have been of value. The management of the entire business is under his personal supervision. Mr. Breckenridge is an extensive can manufacturer in this city, and Mr. Phillips is a gentleman of large and varied business experience. The management is well-balanced, liberal and energetic, and the company is a prominent factor in the industrial advance of Toledo.

E. ARNOLD.

**Contractor in Gravel Roofing and Dealer in Coal and Wood,
334 St. Clair Street.**

As representative of a very important branch of industrial pursuits, the enterprise of Mr. E. Arnold may be appropriately mentioned as a prominent factor of the growth of this city. This enterprise conduces in no small degree to the welfare of the community, for a good roof over our heads is a necessity without which a building would be uninhabitable and next to the foundation it is most important. Mr. Arnold commenced operations in 1878, and, by reason of the superior quality and uniform reliability of all work performed, has already secured a marked success. He makes a specialty of gravel roofing and is prepared to contract for and

promptly execute any work in his line, for which he is prepared with all facilities. He employs only skilled workmen and all contracts are performed under his personal supervision, thus insuring the utmost satisfaction in all cases. He has the agency in this city for Columbus Asphalt Roofing, which is widely recommended as making a thoroughly waterproof roof at a reasonable cost. Mr. Arnold has been awarded the contracts for roofing many of the largest and most prominent edifices that grace the main streets of Toledo, as well as numerous others, and, for the coming season, he is in better shape than ever before to promptly meet the demands of the trade. In connection with his roofing business he also deals in wood and coal, supplying the best varieties and lowest market prices.

REYNOLDS BROTHERS.

Grain Merchants, 24, 25 and 26 Produce Exchange.

The leading grain commission merchants of Toledo are Messrs. Reynolds Brothers, who enjoy the proud distinction of being the largest buyers and movers of cash corn in the world. The firm began business in 1868 and founded the Armada mills, and later they adopted their present business, in which they have scored a great success. They make a specialty of buying, receiving and shipping actual grain on commission, and they purchase grain in all the producing sections of the west and sell in all the principal grain markets of the country, corn and wheat being their specialties. Mr. S. C. Reynolds spent six months in Europe the past year, during which time he devoted his attention to investigating the foreign grain trade, with the result that the firm has since developed a very large business in Great Britain, France and Germany. The individual members of the firm are Messrs. Sheldon C. Reynolds, Charles L. Reynolds and Frederick J. Reynolds, all closely identified with the growth and prosperity of Toledo and active in the support of all measures calculated to benefit this community. They are still young men, in the prime of their usefulness and imbued with that true spirit of energy and enterprise that ensures a continuance of the extensive operations for which they have become nationally famous.

TOLEDO WIRE AND IRON WORKS.

F. Powell & Co., 506 Summit Street.

Of all the qualities possessed by iron, brass and copper, none is more valuable than that of ductility, or the capacity to be drawn into wire. Wire and wire cloth are now used for such a variety of purposes that it would be puzzling indeed to find out what the world would do without them. The Toledo Wire and Iron Works is the only important representative of the wire working industry in this city. It was originally established in 1880, and occupies commodious premises which are fully equipped with all necessary tools and machinery for the manufacture of all kinds of wire goods, employment being given to a force of skilled workmen. These works have, ever since their inception, held a high reputation for the superiority of the output, and every facility has been added that modern ingenuity has invented that would in any way improve the product. Some of the principal products of the works are: bank, office and counter railings, which are made in a great variety of styles and designs from bright, coppered, flat, plain and brass wire, from architects' drawings or original designs, also wire window screens, wire arches, baskets and trellis frames for

gardeners, florists' designs, wire fencing, elevator enclosures, piazza panels, brass and iron grilles for windows, etc. All kinds of special wire work are made to order at short notice, and the facilities of the establishment are unsurpassed in this section for the production of any kind of wire work. The trade of the house extends throughout Ohio, Indiana, Michigan, Pennsylvania and the West generally, and is annually increasing in volume. Mr. Frank Powell is the sole proprietor of the business, the "Co." being nominal only. He is a practical manufacturer and gives his personal supervision to all the operations of the business.

CUSHING'S REAL ESTATE EXCHANGE.

612 Madison Street.



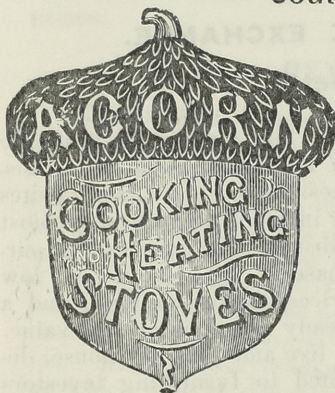
The real estate available in Toledo for residence or business purposes, for factory sites or investments, offers the most substantial inducements to purchasers, by reason of low prices, reasonable terms and a steady appreciation in value. A live and pushing house, devoted to furnishing investors with opportunities for procuring real estate upon the most advantageous terms, is Cushing's Real Estate Exchange, which was instituted here early in 1891, by Mr. Henry H. Cushing. From its inception this exchange took a prominence in the real estate operations in Toledo, heretofore unknown, and to-day its name is a familiar one in the households of hundreds of families, which, through its medium, have become permanently attached to Toledo and are owners of homes and home sites. Mr. Cushing has opened up a large number of various building lots in various parts of the

city, which have become in great request for residence purposes, and for the ensuing season he has even greater bargains and inducements to offer than those of last year, which made his exchange the most successful real estate agency of Toledo. He offers eligibly located building lots upon easy terms, involving small monthly payments, and he also buys, sells and exchanges all kinds of vacant and improved real estate in all parts of Toledo. He is an enthusiast upon the subject of real estate, having made it a study. He attended the first convention of the real estate men of the country, held at Nashville in February last, and which resulted in the formation of the National Real Estate Association, which now counts its members by the

thousand. He was elected upon the Board of Control of such Association and has never missed a meeting of such Board. He is an able, energetic and enterprising representative of the real estate interests of Toledo and his liberal and progressive methods have inspired the greatest confidence and resulted in a phenomenal success, never before attained in Toledo.

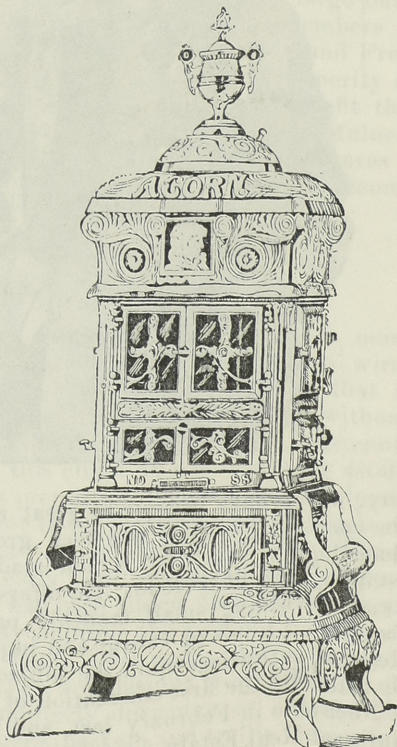
H. E. KUHLMAN & CO.

**Builders' Hardware, Plate Glass, Paints, Oils, Etc., 620
South St. Clair Street.**



The important and leading hardware house of Messrs. H. E. Kuhlman & Co. was established in 1885, though Mr. H. E. Kuhlman had previously been in active business for five years as a member of another firm. As now conducted, the enterprise is second to none other in the city in experienced management, ample resources and facilities, large and complete stock and accommodations to customers, and the trade of the house extends throughout the city and vicinity and is annually increasing in volume. The premises occupied are large and commodious and the stock carried embraces a general line of

shelf and builders' hardware, stoves, tinware, paints, building materials, oils, glass, tin and sheet iron, brushes, cutlery, plate glass, house furnishing goods, mechanics' tools, mixed paints, painters', glaziers' and tinners' supplies, and many other articles for use by manufacturers, merchants, builders, farmers and housekeepers. The firm also undertakes roofing contracts and other work in tin and sheet iron, and all orders are promptly executed. The firm makes a specialty of builders' hardware, and offers the trade the most liberal inducements in the line of goods. All supplies are procured direct from the leading eastern manufacturers in large quantities, and all the latest novelties in locks, door trimmings, window trimmings, etc., are to be found here as soon as issued by the manufacturers and at prices which are not easily duplicated elsewhere. Mr. H. E. Kuhlman, the head of the firm, is a well-known and progressive business man, who enjoys the esteem of a wide circle of patrons, and Mr. Louis A. Kuhlman, who is the "Co." of the firm, is equally popular in social and commercial circles.



W. H. MOREHOUSE & CO.

Grain and Seed Commission Merchants. Warehouses, 325 and 327 Erie Street. Office, 46 Produce Exchange.

The enterprise of Messrs. W. H. Morehouse & Co. is one of the most important in Toledo devoted to the handling of grass seeds and grain. It was originally founded in 1876 by Mr. W. H. Morehouse, who has ever since been its active manager, and the success and prominence of the house have had an important bearing on the grain and seed trade of the country. While a regular grain commission business is transacted, the operations of the firm in this department amounting to a very large sum annually, a specialty in which the house has achieved a national reputation has been the handling of grass seeds, clover, timothy, alsyke, etc. They occupy a four-story and basement warehouse, 32x115 feet in dimensions, which is fully equipped with improved machinery and appliances for cleaning field grass seeds, operated by an electric motor. The seeds are obtained from producers in large quantities, and are here subjected to special processes which effectually separate them from dirt, dust and weed seeds. The result is brands of re-cleaned grass seeds which are unsurpassed for purity and germinating power, and are in demand by dealers throughout the Eastern and Middle states and are also largely exported to Europe. The firm solicits consignments of clover and timothy seeds, which will receive the highest market rates and prompt returns insured. When it is stated that the annual sales of this firm are upwards of \$3,000,000, some idea of the extent of the business and its importance to the commerce of Toledo may be obtained.

WALDING, KINNAN & MARVIN.

Wholesale Druggists, 216 Summit Street.

It is a brief account of a house so widely known, holding such an honorable position in the trade, and which has been in existence so many years as that of Messrs. Walding, Kinnan & Marvin, we cannot hope to add anything to its standing or reputation, yet a few words concerning its history and the influence it exerts in the commercial resources of Toledo, can not fail to be of interest to the trade. This house was founded in 1877, and occupies as the headquarters of the business a four-story and basement building, 30x150 feet in dimensions, in which is carried a stock that for extent, high character and variety, is not excelled by any other west of New York. It embraces a strictly reliable assortment of drugs, medicines, chemicals and pharmaceutical preparations from the most celebrated manufacturers of the country and importers. Druggists' sundries of all kinds form an important feature of the stock, and, in fact, the firm is prepared to fill orders for the complete stocking of first-class drug stores, or for any single article required by the trade, and with commendable promptness. The trade of the house extends throughout Ohio, Indiana and Michigan, in which territory they are represented by a number of experienced traveling salesmen, and both in scope of operations and volume of business the trade of the house is annually increasing. Toledo owes much to the enterprise of her great jobbing houses, such as that under comment, which have built up an enormous trade that looks to this city as its natural market, and this firm, by reason of its high commercial standing and progressive methods, has done its full share to foster this trade. The individual members of the firm are Messrs. W. J. Walding, J. S. Kinnan and H. E. Marvin, all

closely identified with the prosperity of the city and enjoying the esteem and consideration of the trade and this community. For over fifteen years this firm has been a prominent feature of the commerce of Toledo, and never in the course of its history was it so well equipped to afford advantages and inducements to buyers as the present, which fact is worthy the attention of all druggists who look toward Toledo for supplies.

THE BEE JOB ROOMS.

G. W. C. Hadley & Co. Proprietors, 136 and 138 St. Clair St

The Bee Job Rooms, which for many years has been favorably known to the citizens of Toledo, was purchased last July by G. W. C. Hadley & Co., since which date many improvements have been added to the plant new and modern machinery has been introduced and the facilities have been largely increased, placing the establishment in the front rank as a progressive printing office. The firm are fully prepared to execute all kinds of book, job and commercial printing and make a specialty of fine catalogue work, high class work and promptness being the distinguishing features of the house. This book was printed at The Bee Job Rooms.

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